

Great Lakes Water Supply Program



DRAFT

4-250 D1 Phase I Cultural Resources Survey Results

November 2018



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PROGRAM TEAM MEMBER CONSULTANTS:



GREELEY AND HANSEN



EXECUTIVE SUMMARY

The Great Water Alliance (Program), proposes to bring water from Lake Michigan to the City of Waukesha and to return a similar volume of treated water to Lake Michigan. The Program will run through Waukesha and Milwaukee Counties, Wisconsin. TRC archaeologists conducted literature and archives research for multiple routes that were being considered prior to conducting a Phase I archaeological survey for compliance with Section 106 of the National Historic Preservation Act, the Procedures for the Protection of Historic and Cultural Properties (36CFR800), and for compliance with *Wis. Stats. §44.40* and *§157.70*. The literature and archives research are discussed in a separate document titled *4-140 D1 Cultural Resources Technical Memorandum* (Van Dyke and Klabacka-Williams 2018).

The Phase I Archaeological Survey includes the following main segments of the Program:

- Return Flow Pipeline (Route Alternative 3)
- Water Supply Pipeline
- Clean Water Plant and the Return Flow Pumping Station
- Booster Pumping Station
- Return Flow Facilities and Outfall Site
- Water Supply Control Building and the Water Supply Pumping Station

A couple of segments were surveyed during the route decision stage of the Program and include the following:

- Portion of Route Alternative 2 (proposed segment)
- Initial Water Supply Pipeline (Route Alternative MKE)

Because the fieldwork for Route Alternatives 2 and MKE was completed, the results of the survey of those routes are reported here so that those segments covered by archaeological survey will be included in the Wisconsin Historic Preservation Database (WHPD) and will not have to be surveyed by other archaeologists for future projects.

The Program design also includes four facility sites: Return Flow Pumping Station at the Clean Water Plant in the City of Waukesha, the Booster Pumping Site at Minooka Park in the City of New Berlin, the Return Flow Facilities and Outfall Site in the City of Franklin, and the Water Supply Control Building and the Water Supply Pumping Station in the City of Waukesha. The Return Flow Pumping Station is located at the Clean Water Plant location and the two are discussed in this report as one facility site. These locations were surveyed during the 2017 field season and are described in this report.

Literature and archives research noted 21 archaeological sites and 36 historical structures that appear to be overlapped by the proposed Return Flow Pipeline and Water Supply Pipeline corridors and facility sites. Twelve of the archaeological sites are cemeteries or burial sites.

The 36 historical structures were visited and observed for their relationship to the alignment, and to a 50-foot buffer (either side of alignment) and a 100-foot buffer (also either side of line). One house, AHI ID #8328 at 14634 W. National Avenue, is overlapped by the corridor. The Water Supply Pipeline is planned for the same side of W. National Avenue as the house. Based on the current online *WWU Project Maps* created by TRC. The Return Flow Pipeline and Water Supply Pipeline routes will run between the sidewalk and the road, areas that are already disturbed by construction and which may contain underground utilities. TRC recommends that construction activity minimize disturbance to the house and yard.

Extensive research was conducted by the TRC Principal Archaeologist at the Waukesha County Historical Society and Museum and in the WHPD to resolve questions about 12 burial sites following a drive through of the routes. Research discovered that burial sites BWK-0042 and BWK-0043 are duplicate records of the same cemetery, and that BWK-0091 and BWK-0044 were incorrectly mapped in the WHPD. The research was submitted to the Wisconsin Historical Society (WHS) by email. WHS concurred with the findings and revised the records. As a result of that effort, BWK-0042, BWK-0043 (non-existent) BWK-0091 and BWK-0044 are no longer in the route of the Return Flow Pipeline and Water Supply Pipeline. The TRC Principal Archaeologist also visited BWK-0039 with the caretaker, viewed and photographed a cemetery plot map, and confirmed the probable boundary which is somewhat different than the WHPD-mapped south boundary. Based on the research, TRC does not recommend additional archaeological work along the southern boundary of the site. Along the eastern boundary, TRC recommends that this site be avoided; if it cannot be avoided, additional work will be required by the SHPO.

Visual inspection of burial sites BMI-0038, BMI-0065, 47WK612/BWK-0102, BMI-0176 and BWK-0041, and additional research by the TRC Principal Archaeologist, confirmed that only narrow segments of the burial sites are overlapped by the proposed Return Flow and Water Supply Pipeline corridor buffer. 47WK612/BWK-0102 and BMI-0065 are outside of the alignment and should not need archaeological monitoring. WHS might have required that an archaeologist be on site to monitor construction within the boundary of BMI-0176, but as of September, the route was moved to the north side of Ryan Road at this location; therefore, this cemetery is no longer in the project. Inspection of BMI-0038 noted that it was close to the proposed route; therefore, consultation with the State Historic Preservation Office (SHPO) will be required prior to construction. The route overlap of burial site 47WK75/BWK-0271 was shovel tested and no archaeological deposits were encountered; however, because it is a burial site protected under State Statute, SHPO may require that an archaeological monitor be present on site during construction.

One new archaeological site, 47WK649, and one isolated find, 47WK648, were discovered within the Booster Pumping Station site. One projectile point was found at the Return Flow Facilities and Outfall Site, 47MI559. It is considered an isolated find and will require no additional archaeological work. Archaeological site 47MI180 was reported to exist in the Return Flow Facilities and Outfall Site, but the survey did not find artifacts in the WHPD-mapped site area. It did; however, find many artifacts just outside of the WHPD-mapped area, and advised additional work to better define the boundary of the site and to determine if Phase II archaeological evaluation would be needed. The TRC Principal Archaeologist proposed a Phase I+ survey over a larger area, to include the reported 47MI180 location, to determine the actual size and location of the archaeological site. The survey was done, the site was redefined, and the archaeological work showed that the site held no contextual integrity; therefore, it requires no additional archaeological work.

SECTION 1 Introduction

The Great Water Alliance (Program) plans to build a water supply and return system, to bring water from Lake Michigan to Waukesha and to return the used and cleaned water to Lake Michigan. The project will run through Waukesha and Milwaukee Counties in Wisconsin. A Phase I archaeological survey of the routes is required prior to construction to comply with Section 106 of the National Historic Preservation Act, the Procedures for the Protection of Historic and Cultural Properties (36CFR800), and for compliance with *Wis.Stats. §44.40* and *§157.70*.

In March and April 2017, a TRC archaeologist conducted literature and archives research at the Wisconsin Historical Society prior to beginning Phase I Archaeological Survey for the project (Van Dyke and Klabacka-Williams 2018). Additional literature and archives research was on-going as modifications to the route occurred so that any literature and archives included herein was not in the original literature and archives report.

The Phase I Archaeological Survey includes the following main segments of the Program:

- Return Flow Pipeline (Route Alternative 3)
- Water Supply Pipeline
- Clean Water Plant and the Return Flow Pumping Station
- Booster Pumping Station
- Return Flow Facilities and Outfall Site
- Water Supply Control Building and the Water Supply Pumping Station

A couple of segments were surveyed during the route decision stage of the Program and include the following:

- Portion of Route Alternative 2 (proposed segment)
- Initial Water Supply Pipeline (Route Alternative MKE)

This report presents the results of research for the burial sites and includes the results of the 2017 and 2018 Phase I archaeological field surveys of the Water Supply Pipeline route, the Return Flow Pipeline route, Return Flow Pumping Station, the Booster Pumping Station, Return Flow Facilities and Outfall Site, the Water Supply Control Building, and the Water Supply Pumping Station. The Return Flow Pumping Station is located at the Clean Water Plant location and the two are discussed in this report as one facility site.

Literature and archives research noted that one archaeological site, three burial sites and six historical structures are overlapped by Route Alternative 3 (now the Return Flow Pipeline). The segments of Route Alternative 2 that were surveyed (now part of the Return Flow Pipeline), overlapped four archaeological sites, eight burial sites and 26 historical structures. Route Alternative MKE (which is not being used) overlapped two archaeological sites, one burial site and three historical structures, while the Water Supply Pipeline route overlapped one burial site and one historic structure. The Clean Water Plant and Return Flow Pumping Station and the Booster Pumping Station contained no archaeological sites while one archaeological site was known for the Return Flow Facilities and Outfall Site location.

For this archaeological report, the Return Flow Pipeline and Water Supply Pipeline “corridor” consists of the water pipeline alignment and a 50-foot buffer either side of the alignment. Where the term “corridor” is used, it refers to everything within the 50-foot buffer. The Clean Water Plant and Return Flow Pumping Station is an existing plant with a proposed 1,500-foot corridor in Waukesha Township; the Booster Pumping Station is a 26-acre parcel in New Berlin Township, Waukesha County; and the Return Flow Facilities and Outfall Site at the Oakfield Road/S. 60th Street location, is a 78-acre parcel in Franklin, Wisconsin. The Water Supply Control Building and the Water Supply Pumping Station is a 2.7-acre parcel in Waukesha Township.

Specific location information is reported for each route and facility site in **SECTION 4.0** of this report. Overview maps of each of the route alternatives that were surveyed, and the facility sites are presented in **Appendix 2**.

SECTION 2 Physical Setting

The proposed Program is in the Eastern Ridges and Lowlands geographic province of Wisconsin (Martin 1965). Within this province, the entire study area falls within the Niagara Cuesta bounded by the west-facing Niagara escarpment (Martin 1965). Below the ground surface is a 100-300ft thick deposit of glacial drift. The bedrock geology consists of Silurian limestone (dolomite) of the Niagara formation. This limestone is found in deep deposits that gently slope east and southeast toward Lake Michigan (Martin 1965; Pauli and Pauli 1977; Zakrzewska-Borowiecki 1975). Many of these deposits contain chert in various forms, the material from which the pre-European inhabitants of the area used for stone tools.

The topography of southeastern Wisconsin can be characterized as undulating or rolling to gently hilly, with a relatively minor amount of steep or hilly terrain compared to other parts of the state. The greatest relief exists in the Late Pleistocene glacial moraines that trend north to south through the region (Martin 1965; Pauli and Pauli 1977). The Kettle Interlobate Moraine, the most distinguishable topographic feature in the southeastern part of the state, rises well above the surrounding landscape and includes high points such as Lapham Peak and Holy Hill (Pauli and Pauli 1977).

Southeastern Wisconsin has a young and underdeveloped drainage system. The low-lying areas of the state are characterized by a variety of hydrologic features including marshes, swamps, ponds, lakes and streams all of which were attractive to pre-European inhabitants of the region. The rivers and streams in the region occupy poorly-developed valleys (Martin 1965; Pauli and Pauli 1977). The major streams in the study area include the Fox River and its tributaries the Mukwonago and Pewaukee rivers, and Muskego Creek, and the Milwaukee River and its tributaries, the Root, Des Plaines, Oconomowoc, Ashippun, Bark, and Rubicon rivers, and Sauk Creek. Most of the rivers and streams flow southward.

The soils of southeastern Wisconsin are formed largely on glacial drift and outwash. Most have formed under a cover of either forest or prairie vegetation, though some have developed in low settings that include marshes, kettles, fens, and other depressions where wet vegetation types prevail. There are 62 specific soil types reported within the Program including various kinds of loams, clays, mucks and gravels. They are not enumerated for this report.

Most, but not all, of these soil types are amenable to settlement or use and cannot be ruled out as settings that would be used by Native Americans.

SECTION 3 Techniques Used for the Archaeological Survey

The procedure for this survey followed the *Guide for Public Archeology in Wisconsin (Guide)* (Dudzik et al. 2012). The *Guide* was prepared by members of the Wisconsin Archaeological Survey over a number of years and iterations with input, critiques, and revisions suggested by Wisconsin archaeologists. The conventions of the *Guide* are followed by the Wisconsin Historical Society in reviewing reports on archaeological work in Wisconsin.

3.1 Literature and Archives Research

Literature and archives research for this project has been a continuous process beginning with research of the original six proposed routes. This report includes all relevant documentation that is recommended in the *Guide* as well as additional sources if it was determined that conventional sources were lacking complete information. Multiple sources were reviewed for each site with much of the review conducted at the Wisconsin Historical Society (WHS) in Madison, Wisconsin and included the following sources: the Wisconsin Historic Preservation Database (WHPD), the Archaeological Report Inventory (ARI), the Archaeological Site Inventory (ASI), the Architecture History Inventory (AHI), the C.E. Brown Atlas¹, the C.E. Brown Manuscripts, county historical society publications, county site files, 1937-38 aerial photographs, old topographic maps, the General Land Office (GLO) survey maps, the Wisconsin Land Economic Inventory (WLEI) maps, the National Register of Historic Places (NRHP), and public and university libraries. Additional background research was conducted for each of the cemeteries and sources included: the Waukesha County Historical Society & Museum Research Department; the Milwaukee County Historical Society; the Franklin Historical Society; and the Painesville Cemetery Association; the Caretaker of the Sunnyside Cemetery of New Berlin, and on various internet sites.

3.2 Archaeological Fieldwork

The techniques and tools most often used to discover archaeological sites are surface collection, shovel testing, soil coring and a soil bucket auger. Shovel tests are hand dug holes placed within a systematic grid-like pattern. The tests are dug in parallel lines (transects) using an interval within and between transects that is consistent, but not greater than 15 m. The interval spacing is dependent upon topographic conditions and other factors and it is the interval that is suggested in the *Guide*. The 15-meter interval was used while working in non-archaeological site areas while the shovel test interval within archaeological sites overlapped by the project areas was 10 m. The purpose of the 10-meter interval was to increase the probability of verifying the location of a reported site because not all archaeological site boundaries are based on precise location information.

Shovel tests, about 35 cm in diameter, are taken to a depth sufficient to identify an undisturbed natural soil horizon generally about 30-45 cm deep. The purpose of shovel testing is to reveal any former human occupation surfaces. The depth of shovel tests can vary with terrain and the depth of various soils but is generally based on a substantive knowledge of local archaeology and local soil sequences. All soil from each shovel test is screened through ¼-inch mesh hardware cloth and placed back into the hole. If artifacts are found, the location is noted and marked with a GPS waypoint so the location can be identified later in the event that additional archaeological work is needed at that location.

¹ The C.E. Brown Atlas is a collection of small scale plat maps on which C. E. Brown, former Director of the museum of the Wisconsin Historical Society, kept track of artifact find locations reported to him by individuals through various communications in the first half of the 20th century.

Surface collection is the visual examination of exposed ground surfaces - cultivated fields, stream banks, lake shores, road cuts, footpaths, quarries, animal den spoil piles, recent earth moving activities, and areas with sparse vegetation cover. Archaeologists continually observe the surface of all areas, whether the ground is exposed or not, looking for above ground evidence of archaeological sites such as standing or collapsed ruins, e.g. old farmsteads.

Archaeologists also might use soil cores to remove small diameter soil samples with a hand-held ¾-inch diameter hollow tube soil sampler to examine soil stratigraphy and identify anomalies. Soil coring is sometimes used in conjunction with shovel testing and surface collection to reveal stratigraphic inconsistencies quickly. Bucket augers are used to go to depths beyond the reach of the hand-held soil sampler.

SECTION 4 Literature and Archives Research Results

Segments of the Program were reported in an earlier literature and archives research Technical Memo (Van Dyke and Klabacka-Williams 2018).² The previous literature and archives research is not repeated here apart from the cemeteries where additional research later in 2017 discovered new information on several of the cemeteries leading to their re-mapping in the WHPD: that new information is included in this section.

For the cultural resources literature and archives research section of this report, the program includes the proposed water pipeline alignment in the road right-of-way and a 50-foot buffer. The four facility sites – the Clean Water Plant and Return Flow Pumping Station in Waukesha, the Booster Pumping Station at Minooka Park in New Berlin Township, the Return Flow Facilities and Outfall Site at the S. 60th Street/Oakland Road intersection, and the Water Supply Control Building and the Water Supply Pumping Station are summarized separately.

4.1 Return Flow Pipeline

The literature and archives research for the Return Flow Pipeline was presented in an earlier report, see *4-140 D1 Cultural Resources Technical Memorandum* (Van Dyke and Klabacka-Williams 2018). The results of the research are not repeated here.

4.2 Former Route Alternative 2 and 3 Southern Segment

The literature and archives research for the former Route 2 and 3 Southern Segment was presented in an earlier report, see *4-140 D1 Cultural Resources Technical Memorandum* (Van Dyke and Klabacka-Williams 2018). The results of the research are not repeated here.

4.3 Route Alternative MKE

At an earlier time in the process in 2017 Route Alternative MKE was a possible Milwaukee supply route. Part of that route was outside of the other route alternatives and was surveyed prior to a final decision on the Water Supply Pipeline. In 2018, Route Alternative MKE was dropped in favor of a new Water Supply Pipeline route. Because Route Alternative MKE was surveyed for archaeological sites, the literature and archives research for that route is included here. Since the fieldwork was done, the work is reported so that the WHPD can be updated to show archaeological surveys completed.

The former Route Alternative MKE corridor that was not coincident with the former Route Alternative 3 was from the S. Calhoun Road/W. Beloit Road intersection, along W. Beloit Road to W. Cold Spring Rd; then east on W. Cold Spring Road to S. 60th Street; then north to the S. 60th Street /W. Forest Home Avenue/STH 24 intersection. The

² When the Literature and Archives research project was begun, there were three alternatives: Route Alternatives, 2, 3, and 4. Route Alternative MKE was added later in 2017 to provide a water supply route from Milwaukee and additional literature and archives research was conducted. Route Alternative 4 was dropped from consideration during this time of change. In 2018, Route Alternative MKE was dropped from consideration and a new Water Supply Pipeline was added. This report includes all but Route Alternative 4 since that route is not relevant and was not surveyed. At a later date, after field survey had been initiated, Route Alternative 3 was selected as the Return Flow Pipeline and survey of Route Alternative 2 was discontinued, although various segments of Route Alternative 2 had been surveyed. Because they were, the literature and archives research for those segments is not included in this report as is the literature and archives research for former Route Alternative MKE.

corridor traversed sections 24-27 of T6N, R20E in New Berlin Township, Waukesha County, sections 19-23 of T6N, R21E in Greenfield Township, Milwaukee County (**Appendix 2**).

Literature and archives research showed that two archaeological sites and three historical structures were overlapped by Route Alternative MKE. The cultural resources are summarized in **Appendix 1: Table Appendix - 4**.

4.3.1 Archaeological Sites that are Overlapped by Route Alternative MKE

1. 47MI143

This archaeological site, in section 23, T6N, R21E in Greenfield Township, Milwaukee County (Appendix F-2), was reported to C. E Brown by artifact collector Walter Bubbet in 1941. C. E. Brown made a notation of this report:

*Milwaukee County
Evidences of a camp site on the grounds of the new Milwaukee airport, N W ¼ Sec /23, Town of
Greenfield ...Walter Bubbet, July 21, 1941...Flint chips and fragments and hearthstones.*

The precise site location was not reported, but 2015 archaeological investigations that were coincident with part of the WHPD-mapped site area I concluded that the area was completely disturbed by 150 years of urban development (Haas et al. 2015).

2. 47WK483 (Susnar Site)

This was a light lithic scatter of unknown prehistoric cultural affiliation in the W½, SE¼, NE¼, NE¼ of section 27, T6N, R20E in New Berlin Township, Waukesha County (**Appendix F-2**). It was discovered by a 1993 survey for a gas utility construction project along W. Beloit Road. The survey report concluded that the site was not significant in terms of NRHP criteria because it yielded only a few artifacts that were not diagnostic (Clark et al. 1993). A 2008 archaeological survey for a commercial development project in another part of the site area found no artifacts. The archaeologist concluded that the artifacts at this location may have been re-deposited from another archaeological site during road construction and creek channelization and did not represent intact subsurface deposits (Keene 2008).

4.3.2 Historical Structures Overlapped by Route Alternative MKE Corridor

1. AHI ID # 8778 (Masonic Temple)

This is a Masonic Temple at 4275 S 112th Street in section 19 of T6N, R21E in Greenfield Township, Milwaukee County. The construction date is unknown. NRHP significance has not been evaluated.

2. AHI ID # 11909 (Schmitz – Toelle Farmstead – House)

The Schmitz–Toelle Farmstead House (9605 W Cold Spring Rd.) is in section 20, T6N, R21E in Greenfield Township, Milwaukee County. The house was built ca.1858 with additions ca. 1869. The house was noted in a 1980 survey. A 2008 survey suggested it might be eligible for listing on the NRHP under Criterion B. The House is 45 feet from the proposed Water Supply Pipeline corridor and will not be affected by the construction corridor.

3. AHI ID # 230031

This structure is a fieldstone shed at 16700 W. Beloit Road in section 27 of T6N, R20E in New Berlin Township, Waukesha County. The shed was part of the Albert Zimmerman farm. Most of the buildings associated with the farm have been demolished for construction of an industrial park. The shed, the house, and the garage are all that remain of the farmstead. NRHP significance has not been evaluated.

4.3.3 Previous Surveys that Overlap Route Alternative MKE

Eight archaeological surveys have been conducted along the Route Alternative MKE corridor. A 1980 survey for a utility line along the Root River Parkway found no artifacts in the project area (Wackman 1980).

The final report for a 1982 archaeological survey for a sewer construction in Hales Corners and New Berlin (Staab 1982) was missing from the WHS archives and could not be obtained from the original author. The WHPD information suggested that no archaeological finds were made.

A 1995 archaeological survey for a gas utility line in New Berlin, Waukesha County relocated one reported archaeological site and discovered four new lithic scatters and one isolated find. Additional archaeological work at each site concluded that each site represented a single occupation campsite and was not significant in terms of NRHP criteria. No additional archaeological work was recommended (Clark et al. 1993).

A 2008 archaeological survey for a proposed office park development in the northwest corner of the W. Beloit Road/Mooreland Road intersection was coincident with the Susnar Site (47WK483). Shovel tests determined that there were no subsurface archaeological deposits and no artifacts in the project area. The Susnar Site (47WK483) was not relocated. No other artifacts were discovered within the remainder of the project area (Keene 2008).

Also, in 2008, an archaeological survey for channelization and relocation of a small stream that crossed under W. Beloit Road discovered no artifacts or archaeological deposits (Van Dyke 2008).

A 2009 survey for a reconstruction of 124th Street in the Town of New Berlin concluded that much of that project area had been disturbed by various development projects. No additional archaeological work was recommended for that project (Van Dyke 2009).

A 2015 archaeological survey for proposed reconstruction of CTH I from CTH ES to CTH O found no artifacts or archaeological sites and no additional archaeological work was recommended (Picard 2015). Also, in 2015, an archaeological survey for a water utility main replacement throughout Milwaukee County determined that most of the project area has been disturbed as a result of urban development; no additional archaeological work was recommended for the project with the exception of monitoring construction through burial sites (Haas et al 2015). None of the burial sites along that route are in the Route Alternative MKE corridor.

The 1937 WLEI plat map shows cleared croplands, orchards, permanent pasture, and stump pasture overlapping the Route Alternative MKE corridor in Waukesha County (**Appendix 2**). There is no WLEI mapping for Milwaukee County. The 1937 aerial photograph of Waukesha County shows essentially the same thing, although not labeled as in the WLEI maps for the Route Alternative MKE corridor in Waukesha County (**Appendix 2**). The 1937 aerial photograph for Milwaukee County shows the same kinds of features as noted for Waukesha County overlapping the

proposed Route Alternative MKE corridor (**Appendix 2**). The 1837 GLO map shows two historical trails overlapping the Route Alternative MKE corridor (**Appendix 2**).

4.4 Water Supply Pipeline

Part of the Water Supply Pipeline is coincident with part of the Return Flow Pipeline which was surveyed in 2017. The Water Supply Pipeline route segments that are not coincident with the Return Flow Pipeline route are two sort segments along E. Sunset Drive. The first segment extends to and loops around in the northwest corner of the intersection of E. Sunset Drive and Les Paul Park way for approximately 800 feet. The second segment extends approximately 530 feet south of E. Sunset Drive along Guthrie Road. The remaining segments of the Water Supply Pipeline, outside of the original Return Flow Pipeline, begin at the S. Racine Avenue /S. Swartz Road intersection and end at the W. Howard Avenue/S. 60th Street intersection. The 10.7-mile route traverses parts of sections 12-18 of T6N, R20E in New Berlin Township, Waukesha County, and sections 7-9, 15-18, and 22 of T6N, R21E in Greenfield Township, Milwaukee County (**Appendix 2**).

Literature and archives research showed that two archaeological sites and three historical structures are overlapped by Route Alternative MKE. The cultural resources are summarized in **Appendix 1: Table Appendix - 5**.

4.4.1 Archaeological Sites Overlapped by the Water Supply Pipeline Corridor

1. BMI-0038 (St. Matthias Cemetery)

The St. Matthias Cemetery is a Euro-American cemetery in the NE $\frac{1}{4}$, NE $\frac{1}{4}$, NE $\frac{1}{4}$ of section 17, T6N, R21E, in Greenfield Township, Milwaukee County (**Appendix 2**). The cemetery was first noted on historical atlases. No archaeological investigations have been conducted in the vicinity of this cemetery. A description of the cemetery was published in the *Old Cemetery Burials of Milwaukee County, Wisconsin*:

St. Matthias Cemetery is located behind St. Matthias Church at 9306 W. Beloit Road in the Town of Greenfield. The first church was built about 1851 and there are some very early burials here. Records having no date in the DOB & DOD probably represent stones purchased ahead of time, and/or the spouse is not yet deceased. The earliest stone I found was 1849. This is a well-cared for cemetery (Herzfeld 1995: viii).

4.4.2 Historical Structures Overlapped by the Water Supply Pipeline Corridor

1. AHI ID #8328

This house is in section 14 of T6N, R20E at 14636 National Avenue in New Berlin Township, Waukesha County. NRHP significance has not been evaluated.

4.4.3 Previous Surveys Overlapping the Water Supply Pipeline Corridor

Seven archaeological surveys have been conducted along the Water Supply Pipeline corridor. In 1980, a survey for a utility line along Root River Parkway found no artifacts in the project area (Wackman 1980).

A 1986 survey for a gas utility line between the Town of Eagle and New Berlin in Waukesha County did not encounter any previously reported archaeological sites or new archaeological finds within the survey corridor. No additional archaeological work was recommended (Van Dyke 1986).

A 1993 survey for proposed road work between Oklahoma Avenue and Root River Parkway did not encounter any new or previously recorded sites within the project area. No additional archaeological work was recommended for the project (Van Dyke 1993).

A 1994 archaeological survey for the reconstruction of Calhoun Road had no finds. No additional archaeological investigations were recommended (Keene 1994).

A 1998 survey for proposed reroutes of the Wisconsin Loop Gas Pipeline did not discover any new or previously recorded archaeological sites. No additional archaeological work was recommended for this project (Van Dyke 1998).

In 2008, a survey of Coffee Road between Calhoun Road and W. National Avenue did not encounter any new or previously recorded archaeological sites. No additional work was recommended for this project area (Keene 2008).

A 2015 archaeological survey for a water utility main replacement throughout Milwaukee County determined that most of the project area has been disturbed as a result of urban development. No additional archaeological work was recommended for the project with the exception of monitoring construction through burial sites (Haas et al 2015).

The 1937 WLEI plat map for this part of Waukesha County shows cleared croplands, orchards, permanent pastures, and the small Village of New Berlin (**Appendix 2**). The WLEI was not created for Milwaukee County. The 1937 aerial photographs for the entire Water Supply Pipeline corridor show cleared croplands, orchards, wooded areas, residential and urban development (**Appendix-2**). The 1837 GLO map shows eight trails that were used by Euro-American settlers or Native Americans or both for the movement of people and goods. The trails do not have names, but they are overlapped by the Water Supply Pipeline (**Appendix 2**). Whether remnants exist today is not known and it is not likely that they would be discovered in an archaeological survey unless it was the goal of the survey to find a specific trail.

4.5 Clean Water Plant and Return Flow Pumping Station

The Clean Water Plant and Return Flow Pumping Station overlaps the existing water plant in the southwest of the intersection of Sentry Dr. and Phillip Dr. in section 9 of T6N, R19E in Waukesha Township, Waukesha County (**Appendix 2**). The Return Flow Pumping Station is located at the Clean Water Plant location and the two are discussed in this report as one facility site. Literature and archives research showed that there are no archaeological sites or historical structures reported at that location. Three archaeological sites are recorded within a mile of the Clean Water Plant location, but the sites will not be affected by the proposed project.

4.5.1 Archaeological Sites Overlapped by the Clean Water Plant and Return Flow Pumping Station

No archaeological sites are reported in the Clean Water Plant and Return Flow Pumping Station.

4.5.2 Historical Structures Overlapped by the Clean Water Plant and Return Flow Pumping Station

No historical structures are reported in the Clean Water Plant and Return Flow Pumping Station.

4.5.3 Previous Surveys that Overlapped the Clean Water Plant and Return Flow Pumping Station

No previous surveys have been conducted within the proposed Clean Water Plant and Return Flow Pumping Station.

The 1937 WLEI plat map shows cleared cropland overlapping the Clean Water Plant and Return Flow Pumping Station site (**Appendix 2**). The 1937 aerial photograph shows essentially the same kinds of features (**Appendix 2**). The 1837 GLO map shows an agricultural field and a trail near the proposed facility site (**Appendix 2**).

4.6 Booster Pumping Station

The Booster Pumping Station is in the southwest corner of the S. Racine Avenue/S. Swartz Road intersection in sections 18 and 19 of T6N, R20E at Minooka Park in New Berlin Township, Waukesha County (**Appendix 2**). Literature and archives research showed that there are no archaeological sites or historical structures reported at that location. Three archaeological sites are recorded within a mile of the Booster Pumping Station location, but the sites will not be affected by the proposed project as it is designed.

4.6.1 Archaeological Sites Overlapped by the Booster Pumping Station

No archaeological sites are recorded in the Booster Pumping Station.

4.6.2 Historical Structures Overlapped by the Booster Pumping Station

No historical structures are reported in the Booster Pumping Station.

4.6.3 Previous Surveys that Overlapped the Booster Pumping Station

A 1986 Phase I archaeological survey for a gas utility line installation from the Town of Eagle to the City of New Berlin, Waukesha County, overlapped the Booster Pumping Station location along the southern facility site boundary. That survey did not find any archaeological sites in the gas utility corridor. No additional archaeological work was recommended (Van Dyke 1986).

The 1937 WLEI plat map shows cleared cropland, orchards, and oak-hickory forests overlapping the Booster Pumping Station site. The 1937 aerial photograph shows essentially the same kinds of features (**Appendix 2**). The 1837 GLO map shows two historical trails near the proposed facility site (**Appendix 2**).

4.7 Return Flow Facilities and Outfall Site

The Return Flow Facilities and Outfall Site is in the southeast corner of the S. 60th Street/ W. Oakwood Road intersection in section 35 of T5N, R21E in Franklin Township, Milwaukee County (**Appendix 2**). Literature and archives research noted two archaeological sites that are overlapped by the - 47MI180 and 47MI241. There are no historical structures at the facility property. Thirty-nine archaeological sites are reported within one mile of the Return Flow Facilities and Outfall Site, but they will not be affected by the project; therefore, there is no further description of them in this report (**Appendix 1: Table Appendix - 7**).

4.7.1 Archaeological Sites Overlapped by the Return Flow Facilities and Outfall Site

1. 47MI180

47MI180 is a prehistoric campsite or village of unknown age in the NW¼, NW¼ of section 35, T5N, R21E in Franklin Township, Milwaukee County (**Appendix 2**). The WHPD record for the site is based on a notation on the C. E. Brown atlas (ca. 1924) which shows a campsite on the Giese property. TRC's review of the atlas found that the notation of the campsite is on the south side of the Root River (**Figure 4-1**), an area that is identified as site 47MI241. TRC researchers, with the help of WHS staff, could not find a record or report associated with the latter site.

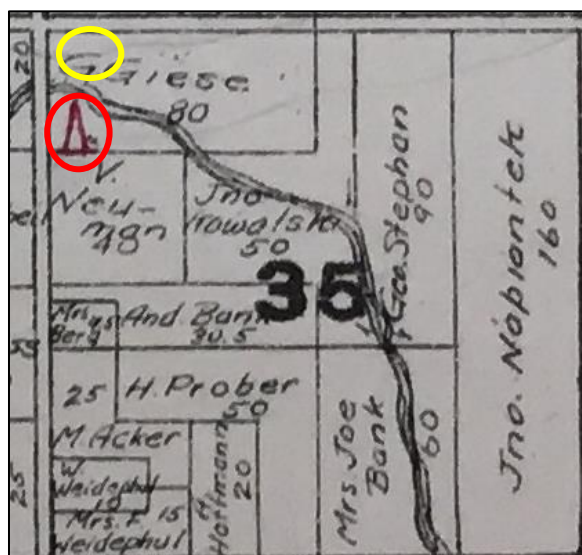


Figure 4-1 Approximate location of 47MI180 (yellow) and atlas notation (red). Source: C.E. Brown Atlas.

Available records indicate that the first report of artifacts at this location was made in 1978 following a survey that was conducted throughout Milwaukee County, the goal of which was to create a more complete inventory of archaeological resources in Milwaukee County. The survey report noted:

Eight flakes, but no diagnostic materials, were recovered at this site. The debris was found on the floodplain of the Root River and is very close to previously reported sites (Mi-3, Mi-6, Mi-241). No cultural affiliation is assigned (Benchley et al 1979: 27).

An unnumbered table in Appendix C of the report noted that the location was investigated through surface collection and shovel testing (Benchley et al. 1978: 81). Table II of the 1978 report indicated the archaeologist's belief that complete site preservation was "known or likely. A site located completely in an agricultural field or undisturbed park is coded with this value", 1, to identify preservation as "known or likely" (Benchley et al. 1978: 31). No additional archaeological work has been reported for that site.

2. 47MI241

The site is reported as an unidentified prehistoric campsite or village (ASI# 3487) in the SW¼, NW¼ of section 35, T5N, R21E in Franklin Township, Milwaukee County (**Appendix 2**). The site was added to the WHPD based on a notation on the C. E. Brown atlas (**Figure 4-4**) and a map that was once part of the C. E. Brown manuscript files. A

search of the manuscript files did not find the map and the WHPD record notes that this site reference is missing. Based solely on the atlas notation, it appears that this site has been mis-located. No other archaeological work has been conducted at this location.

4.7.2 Historical Structures Overlapped by the Return Flow Facilities and Outfall Site

There are no historical structures reported in the Return Flow Facilities and Outfall Site.

4.7.3 Previous Surveys Overlapping the Return Flow Facilities and Outfall Site

Two archaeological surveys were conducted within the Return Flow Facilities and Outfall Site. The 1978 archaeological survey which discovered 47MI180 (Benchley et al. 1979). The report for a 1982 archaeological survey for reconstruction of the S. 60th Street Bridge over the Root River (Emerson 1982) was missing from the WHS archives and could not be obtained from the original author. Based on the WHPD information, it appears that no archaeological sites were discovered.

The 1937 aerial photograph shows cleared cropland, a farmstead, and the Root River and adjacent marshland in the general facility area (**Appendix 2**). The WLEI was not conducted for Milwaukee County. The 1837 GLO map shows the Root River and adjacent marshland, and farm land in the Root River Discharge Facility Site (**Appendix 2**).

4.8 Water Supply Control Building and the Water Supply Pumping Station

The Water Supply Control Building and the Water Supply Pumping Station is a 2.7-acre parcel located in the northwestern corner of the intersection of STH 59 and W. Sunset Ave. in section 14 of T6N, R19E in Waukesha Township, Waukesha County (**Appendix 2**). Literature and archives research showed that there are no archaeological sites or historical structures reported at that location. No archaeological sites are recorded within a mile of the Water Supply Control Building and the Water Supply Pumping Station location.

4.8.1 Archaeological Sites Overlapped by the Water Supply Control Building and the Water Supply Pumping Station

No archaeological sites are recorded in the Water Supply Control Building and the Water Supply Pumping Station.

4.8.2 Historical Structures Overlapped by the Water Supply Control Building and the Water Supply Pumping Station

There are no historical structures reported in the Water Supply Control Building and the Water Supply Pumping Station.

4.8.3 Previous Surveys Overlapping the Water Supply Control Building and the Water Supply Pumping Station

One archaeological survey was conducted along roads or lands that, in part, overlapped some segment of the Water Supply Control Building. In 1986 a survey was conducted for the proposed STH 59 Bypass. This survey is part of a series of surveys conducted for the proposed STH 59 Bypass (also see Salkin and Steller 1990; Salkin 1991, 1992a, 1994a, 1994b, 1994c). The 1986 survey consisted of 23.8 acres of proposed roadway corridor. No new

archaeological sites were discovered and no known sites were encountered. No additional archaeological work was recommended (Salkin 1986).

The 1937 aerial photograph and WLEI show cleared cropland and grass marsh at the Water Supply Control Building and the Water Supply Pumping Station (**Appendix 2**). The WLEI was not conducted for Milwaukee County. The 1837 GLO map shows nothing of cultural significance (**Appendix 2**).

SECTION 5 Phase I Archaeological Survey Fieldwork Results

The result of the Phase I archaeological survey for the Program is described in this section. The five facility sites, the Return Flow Pumping Station at the Clean Water Plant, Booster Pumping Station, Return Flow Facilities and Outfall Site, Water Supply Control Building, and the Water Supply Pumping Station are also detailed below.

5.1 Return Flow Pipeline

Most of the Return Flow Pipeline route follows existing road corridors. The route crosses or is tangential to some wooded areas, fallow fields, road cuts and roads, local parks, residential and commercial areas, agricultural fields, and marshes in Waukesha, New Berlin and Muskego Townships in Waukesha County and Franklin Township in Milwaukee County. Archeological survey was conducted from the northern end at the Clean Water Plant and Return Flow Pumping Station to the Return Flow Facilities and Outfall Site at the southern end.

The origin of the Return Flow Pipeline is the Clean Water Plant and Return Flow Pumping Station on Sentry Drive. The area is wooded with a fallow field due west of the treatment plant and a landscaped lawn due north of the plant. The segment was shovel tested at 15-meter intervals; results of shovel tests showed that the area was disturbed by construction of the treatment plant, landscaping and the excavation of a drainage ditch. Shovel test soil profiles showed mixed soils and construction gravel throughout the profile. Nothing of archaeological interest was found at that location.

Sentry Drive to S. West Avenue/Les Paul Parkway

The Return Flow Pipeline route along these roads was shovel tested at 15-meter intervals with most soil profiles showing a shallow top soil (5 to 10 centimeters) over construction (mixed soils intermixed with gravel) fill; thus, these areas were disturbed by industrial, commercial and residential development. No artifacts or archaeological sites were found along this segment.

S. West Avenue / Les Paul Parkway to E. Sunset Drive

The route is a mix of woods, fallow fields and extensive reaches of marsh. Shovel tests were dug at 15-meter intervals where there was dry land. Two varieties of soil profiles were noted along this segment: topsoil over gravel fill, primarily at higher elevations and in fallow fields; or peat-like soils with an A horizon of black clayey silt loam (30 centimeters) over a B horizon of dark grayish brown clayey silt loam mainly at marsh peripheries. This segment did not yield any artifacts or archaeological sites.

Les Paul Parkway / E. Sunset Drive Intersection to S. Racine / W. Lawnsdale Intersection

Two previously reported archaeological sites, BWK-0042 (Evangelical and Reformed Church of New Berlin Cemetery), and BWK-0091 (Sittle Cemetery) were reported to overlap or be very close to the corridor along S. Racine Avenue. Additional research was able to show a discrepancy in the boundary of BWK-0091 and get it revised so that it does not overlap with the project. The BWK-0042 boundary runs to the road edge, but the actual cemetery is on high ground well above and back from the road edge; therefore, the cemetery is no longer close to the Project. The corridor along S. Racine Avenue is comprised of commercial and residential development, Minooka Park, a small wooded area, and four agricultural fields which held standing corn at the time of the survey. The cornfields, with 90% ground surface visibility, were surface collected at 5-meter intervals. The cornfields yielded no artifacts or archaeological sites.

The wooded, commercial, and residential areas were shovel tested at 15-meter intervals with the same negative result. Shovel test profiles in the wooded areas showed an A horizon of brown silt loam (25 centimeters) over a B horizon of yellowish brown silt loam. Shovel tests in the commercial and residential lots showed shallow topsoil (10 centimeters) over mixed soils and construction gravel. This segment yielded no artifacts or archaeological sites.

Two burial sites in the route were examined: The Evangelical and Reformed Church of New Berlin Cemetery BWK-0042 and the Sittle Cemetery (BWK-0091). BWK-0042, which was examined on foot, is extant on the east side of the road, and uphill from the road. The cemetery is outside of the Project. BWK-0091, which was examined on foot, is not bisected by S. Racine Avenue; it is on the west side of the road, well away and uphill of the road. The TRC Principal Archaeologists requested information from the Office of the City Appraiser in New Berlin and received a GIS map and a ca. 1989 newspaper article which chronicles some of the history of the cemetery - including its recovery from apparent abandonment - and an inventory of records held by the Evangelical and Reformed United Church of Christ in Waukesha, Wisconsin. Records held at the WCHSM show that the first burials date to 1812. WCHSM records (September 25, 2007) also indicate that the City of New Berlin Parks and Recreation department is responsible for the cemetery. Because there is a steep and high road cut at that location, it is TRC's assessment that authorization to work in a burial site will not be required to work on the east side of the road.

A third cemetery was noted along this corridor, the Town Cemetery (BWK-0043). However, background research and fieldwork determined it to be the same cemetery noted as BWK-0042. In 2017, the WHPD marked the approximate location of BWK-0042 as a circle, part of which overlapped S. Racine Avenue. A field visit to the cemetery (July 26, 2017) found the cemetery was at the location where WHPD had as BWK-0043 mapped; this cemetery was identified in the WHPD as the Town Cemetery. The WHPD location for BWK-0042 was given as the NW SE of section 18. When compared with the 1959 (photo-revised 1994) USGS Muskego, Wis. 7.5' topographic map, that location was outside of the NW SE $\frac{1}{4}$; however, within that location was a cemetery identified as *Town Cem.* When Town Cemetery was accessed in the WHPD, the identifying quadrilateral sat at the precise location of a cemetery identified as BWK-0043 in the WHPD. The location for BWK-0043 was given as the SW NW SE and NW SW SE of section 18. The TRC Principal Archaeologist compared the $\frac{1}{4}$, $\frac{1}{4}$, $\frac{1}{4}$ section location in the WHPD with the same $\frac{1}{4}$ section location shown on the map and found they were identical. In fact, the correct location for the cemetery is the SW SW NW SE and the NE NW SW SE, and the SE SW NW SE of section 18. The WHPD circle labeled BWK-0042 was northwest of a ground-verified cemetery and in an area where a site visit had noted that there was no cemetery; in fact, there was a house at that location. Therefore, it was TRC's view that the cemetery labeled BWK-0042 did not exist. TRC noted that publications have used the BWK-0042 designation when referencing the existing cemetery which is labeled BWK-0043 in the WHPD (c.f. Becker 1988). The BWK-0042 and BWK-0091 were added to the Wisconsin Catalogue of Burial Sites by the WHS Director on March 15, 2000 in a letter from the Director to the Mayor of New Berlin. There is no mention of BWK-0043.

Becker (1988) indicates that all available original records of the Evangelical and Reformed Church of New Berlin are held by the Evangelical and Reformed United Church of Christ of Waukesha, Wisconsin. The TRC Principal Archaeologist called the church on August 4, 2017 and spoke with the only person on duty that day and found that the records of interest may have been destroyed in a total loss fire on December 4-5, 2005. The informant took TRC's contact information and passed it to the history committee, but as of this writing, there has been no contact from the church.

The new information was presented in an email to the WHS on August 1, 2017 along with a request to review the research and determine whether the WHPD records should be revised. On August 10, 2017, WHS responded that they would drop BWK-0043 from the WHPD and re-map BWK-0042.

The research was presented to the WHS on August 1, 2017 with a request to review and determine whether the WHPD record should be revised. On August 10, 2017, WHS responded that they would revise the BWK-0091 map boundary to conform to the on-ground setting. That remapping had taken place as of August 17, 2017; thus, this cemetery will not be affected by the proposed project.

S. Racine / W. Lawnsdale to I-43E to S. Calhoun Road

Along this segment are residential and commercial developments, a wooded area, fallow fields, a marsh and agricultural fields. One archaeological/burial site, 47WK612/BWK-0102 (Klein Burial Site) and one cemetery, BWK-0039 (Sunnyside Cemetery), are overlapped by this segment. The corn fields, with 50 - 95% ground surface visibility, were surface collected at 5-meter intervals with no finds. The residential and commercial areas, wooded area, and fallow fields were shovel tested at 15-meter intervals with no finds. Shovel test soil profiles showed a shallow top soil (5 -10 centimeters) over mixed soils intermixed with gravel from road construction. A marsh segment along the I-43 highway corridor and adjacent to the corridor held standing water and was not amenable to shovel testing.

The water pipeline runs along the west side of S. Racine Avenue, the 50-foot buffer corridor overlaps a small part of 47WK612/BWK-0102 along the east side of S. Racine Avenue. The alignment is outside of the reported site boundary. Since this area was surveyed by archaeologists in 1993 with no discovery of a burial site, it is TRC's assessment that there is no need for an archaeological monitor at this location.

The Return Flow Pipeline also overlaps the southern boundary of BWK-0039 (Sunnyside Cemetery) as it is drawn on the WHPD map. The TRC Principal Archaeologist visited the Waukesha County Historical Society & Museum (WCHSM) Research Department on July 28, 2017, and with the help of the Museum Director and volunteer staff, reviewed all records for the cemetery. It was learned that the cemetery was established in 1929 and that the earliest burial was in 1869; however, early pioneer burials date to 1841. The most recent record of burial is from 1983. The cemetery is cared for by the Sunnyside Cemetery Association.

On August 4, 2017, the New Berlin Office of the City Appraiser provided a record and a copy of a questionnaire from the Landmarks Commission of the City of New Berlin that was filled out by the cemetery caretakers in 2013 which noted that the cemetery is:

-the second oldest cemetery in New Berlin. First burials – Pastor Cheney's grandson Henry and a Dr. Ryan in 1841. It is the burial ground of Reverend Rufus Cheney – "the Father of Prospect Hill" who founded the Freewill Baptist Church in 1840.

On April 8 2014, the Sunnyside Cemetery was designated an Official City of New Berlin Landmark. The certificate so designating the cemetery includes a metes & bounds cemetery which is included herein as **Appendix 3**. On August 17, 2017, the TRC Principal Archaeologist met with the Caretaker of the Sunnyside Cemetery to obtain verbal assurance that there are no burials south of the south cemetery fence and to photograph the cemetery plot map. Both goals were accomplished.

The archaeologist noted that some headstones are within a few inches of the present south boundary fence of the cemetery. The caretaker said that the burials along the south fence of the cemetery are the most recent (engravings on the gravestones confirm that) and that there are no burials south of the fence. South of and parallel to the fence is a drainage ditch; south of the drainage ditch is the toe slope of the I-43 westbound off ramp.



Figure 5-1 Sunnyside Cemetery south boundary (tree line) – view to west toward S. Racine Avenue. Project is well outside of the left of the photo.

The Return Flow Pipeline will run along the road prism which is a steep, man-made slope approximately 20 feet high. Additional research regarding this cemetery strongly suggests that the cemetery does not extend outside its apparent on-the-ground boundary which is a tree-lined east-west fence at the southern limit of above ground grave markers (**Figure 5-1**). Given this information, it is TRC's assessment that a burial site will not be affected by the project as long as there is no ground disturbance north of the drainage ditch that parallels the I-43 westbound off ramp. A construction plan for that area should be provided to the WHS to confirm that will be the case.

2018 Easement Survey

A S. Racine Ct. Easement Alternative was proposed to the I-43 ROW Alternative and from October 18-22, 2018 TRC archaeologists surveyed the S. Racine Ct. Easement Alternative. The first half of the new easements begins just north of the S. Racine Ct. departure from S. Racine Ave., follows southeast along S. Racine Ct. to the I-43 ROW edge, then east to Calhoun Rd. . Survey efforts began with a short segment in the northwest corner of the S Racine Ave. and I-43 interchange round-a-bout. This area was approximately 350-x-50 feet in the road prism and ditch. Shovel tests at 15 meter intervals showed soil profiles with shallow top soil (5 cm) over dense gravel fill. No artifacts were found.

A short segment follows the full length of S. Racine Ct. to the I-43 ROW. S. Racine Ct. is a 1,000+ foot long road that begins at the east edge of S. Racine Ave at the south end of the Park and Ride and runs southeast to the south end of the Sunnyside Cemetery. The west side of S. Racine Court is adjacent to the east edge of the Sunnyside Cemetery (BWKI-0039) but does not overlap it according to the WHPD map (**Figure 5-2**). Burial sites are protected under *Wis. Stats §157.70*. **Figure 5-3** shows the limits of the cemetery from the Waukesha County Assessors online GIS map.

On October 18, 2018, the TRC Principal Archaeologist conducted a visual examination of the cemetery and noted that the newly proposed S. Racine Ct. Easement Alternative corridor is east of the apparent east limit of the cemetery. The west side of S. Racine Ct. is paralleled by a concrete lined ditch that carries runoff water southeastward and downhill, emptying into a rock lined ditch at the toe slope of the I-43 westbound off ramp at S. Racine Ave (Figures 5-4 to 5-8).

The height of the concrete lining of the west side of the ditch rests against the slope of the cemetery and protects it from erosion. It is clear that the road bed was cut into or through the former east slope of the cemetery hill and that any burials that may have existed in that area of the east slope of the hill prior to the road cut would have been encountered during construction of the road and ditch and no longer exist.

The WHPD map (Figure 5-2) shows the eastern limit on the west side of the road. TRC recommends that the proposed easement be limited to the east side of S. Racine Ct. and that construction traffic and staging areas avoid the cemetery.



Figure 5-2 Sunnyside Cemetery (BWK-0039). Source: WHPD



Figure 5-3 Sunnyside Cemetery Parcel Boundary Map. Source: Waukesha County Assessor GIS



Figure 5-4 View to south. From north end of the cemetery (note gravestone in blue). Source: TRC



Figure 5-5 View to the southwest. Concrete ditch wall on east slope of cemetery. Source: TRC



Figure 5-6 View to south just south of Figure 4-2. The cemetery is on the right of the photo. Source: TRC



Figure 5-7 View to southeast. Near the southeast corner of the cemetery. Source: TRC

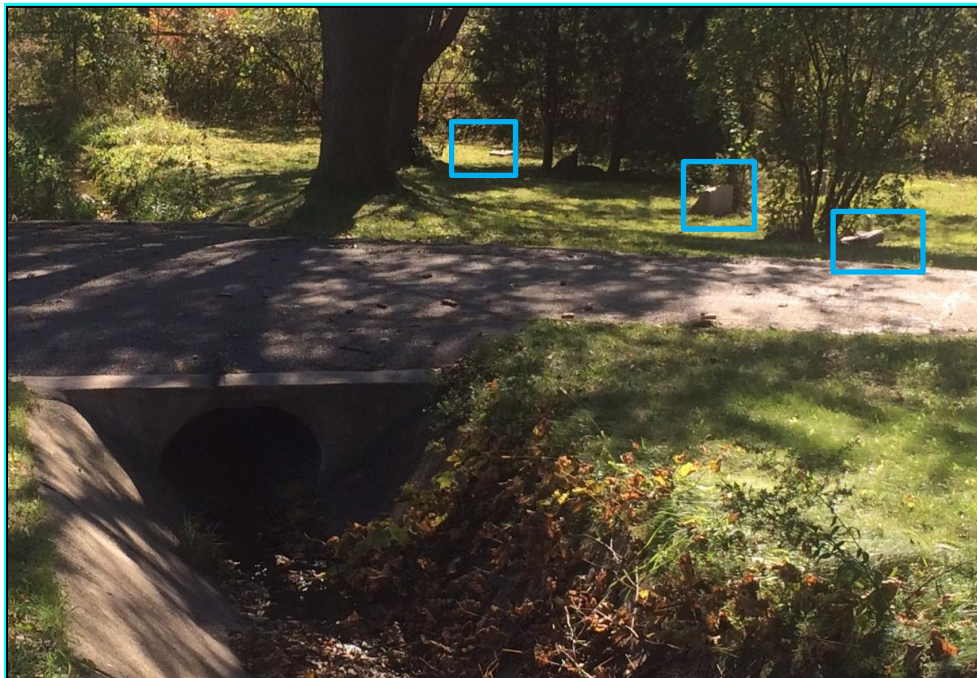


Figure 5-8 View to south. Close up of the southeast corner of the cemetery with gravestones highlighted in blue.
Source: TRC

Shovel tests along the east side of S. Racine Ct. showed mixed soil types and gravel fill which indicate disturbance probably due to road construction. Push piles and a deep road ditch were noted but no artifacts were found on the east side of the road.

The S. Racine Ct. to S. Martin Road segment is on the north side of I-43. Two agricultural fields, a wetland, and a small drainage made up the segment. The western agricultural field, a harvested corn field with a small pumpkin patch, and the eastern cornfield, both with 40 percent ground surface visibility, were surface collected at five meter intervals with no finds.

The remainder of the segment was visually examined since there was standing water in the wetlands. Shovel tests were attempted at 15 meter intervals wherever possible but with no finds.

The S. Martin Rd. on the south side of I-43, to S. Calhoun Rd. segment contained wooded areas, wetlands, and one gravel access road. Fifteen meter interval shovel tests were dug wherever dry land was encountered. West of a small drainage that bisects the segment, standing water and wetland were noted. Shovel tests were attempted but ground water entered the holes before they could be completed. East of the drainage, drier conditions prevailed and shovel tests showed shallow top soil layers (5 cm) over mixed soils of light brown and dark brown clay loam with gravel intermixed suggesting that fill soil was placed to create the access road within the wetland. No artifacts were found.

I-43E / S. Calhoun Road to W. Small Road

The next segment originates approximately 2,200 feet east of the I-43 overpass at S. Calhoun Road and follows east, through the I-43 corridor and 500 feet into a corn field. From there, the line goes south in the same field and through a small residential lot to W. Small Road.

The corn field, with 70% ground surface visibility, was surface collected at 5-meter intervals and yielded no artifacts. The residential lot was shovel tested at 15-meter intervals and yielded no artifacts. Shovel test profiles showed construction disturbance.

The next part begins at S. Calhoun Rd. and follows east along the I-43 ROW for about 1,700 feet, and then due east into an agricultural field. The segment was characterized by a 60 percent slope (**Figure 5-9**). Shovel tests at the only piece of level ground showed an A horizon of brown silt loam (25 cm) over a B horizon of yellowish brown silt loam. No artifacts were found.



Figure 5-9 View to the east. Typical sloping terrain on south side of I-43 Corridor showing road cut and slope. Source: TRC.

The next segment went due east from I-43 for 1,232 feet. At that point, the route changed directions to a north-south line. The northern part extended 664 feet north, then back west a distance of 525 feet, and then southwest a distance of ~55 feet where it ended. The southern part extended south from a point 1,232 feet east of I-43, for a distance of 935 feet to W. Small Rd. (see **Appendix F-2**).

This segment followed a wood edge and a tree line adjacent to a cultivated field. The northern part followed north along the east edge of the cultivated field, then west along the northern edge of the same cultivated field and into a wooded area. The cultivated field edges (a harvested soy bean field with 70% ground surface visibility) were surface collected at five meter intervals with no artifacts discovered.

The southern part followed the east edge of another cultivated field (also harvested soy beans with 70% ground surface visibility) south for a distance of about 606 feet, then south into a vegetated residential area for a distance of about 370 feet, terminating at W. Small Rd.

The last vegetated bit, which was an entrance road, was shovel tested at 15 meter intervals. The northern most shovel test showed an A horizon of dark brown silt loam (35 cm) over a B horizon of yellowish gray clayey silt loam. The remaining shovel tests along the road showed disturbed or mixed soil types with gravel intermixed. No artifacts were found.

W. Small Road to S. Westridge Drive Intersection and Westridge Drive to S. Mooreland Road Intersection

This segment, mainly commercial development, was shovel tested at 15-meter intervals. Shovel test profiles showed shallow topsoil (10 centimeters) over mixed soils and construction gravel indicating road and commercial construction disturbance of the soil context. No artifacts or archaeological sites were found in this segment.

From the S. Westridge Drive/S. Mooreland Road intersection, the corridor follows south along S. Moorland Road in an area characterized by commercial and residential development, a harvested agricultural field, a few sections of road build up, berms and expanses of wetland.

The harvested agricultural field had 60% visibility and was surface collected at 5-meter intervals; no artifacts or archaeological sites were found during the survey. The commercial and residential developments and road build areas were shovel tested at 15-meter intervals. Shovel test soil profiles showed shallow topsoil (10 cm) over soil mixed with construction gravel indicating a disturbed context; marshes held standing water.

S. Mooreland Road / Durham Drive to North Cape Road

S. Mooreland Road becomes Durham Drive where it crosses Woods Road and the Return Flow Pipeline corridor continues southward along Durham to North Cape Road. This stretch held fallow fields, harvested agricultural fields, standing soy beans, residences, and wetlands. Two archaeological sites – 47WK75/BWK-0271 (Schaefer Burials Site) and 47WK519 (Pellman Cornfield Site), and five historical structures are overlapped by the route corridor. A recently tilled field with ground surface visibility of 60%, a harvested agricultural field with 80% visibility and standing soy bean fields with 50-90% ground surface visibility, were surface collected at 5-meter intervals with no discovery of artifacts. The residential areas were shovel tested at 15-meter intervals with the exception of the Schaefer Burials Site. Shovel test profiles outside of the burial site boundary had shallow topsoil (10 cm) over mixed soils with construction gravel. Marshes held standing water and were not shovel tested.

47WK519 was overlapped by the Return Flow Pipeline corridor along Durham Drive north of the Muskego Recreation Trail where the Return Flow Pipeline is proposed for the east side of Durham Drive. While much of the WHPD-mapped boundary of the archaeological site lies west of the road, a small part of the site area is overlapped by the Return Flow Pipeline. This area was shovel tested at 10-meter intervals with no discoveries. Shovel test profiles showed shallow topsoil (10 cm) over mixed soils with gravel indicating construction and loss of soil context.

47WK75/BWK-0271 is overlapped by the Return Flow Pipeline corridor along Durham Drive south of the Muskego Recreation Trail. Phase I archaeological field survey within the burial site was conducted after a *Request to Disturb a Human Burial Site* Permit was approved by WHS. That segment of the corridor is bordered by residential and agricultural properties with an intersecting road on the west side and a sidewalk along the east side of the road. The corridor was shovel tested at 10-meter intervals rather than 15 meters since it was inside a reported site and the goal was to identify whether or not the site might be in the corridor. Shovel test profiles showed shallow topsoil (10 cm) and mixed soils with gravel, an indicator of a disturbed soil matrix. No artifacts or archaeological sites were found in the WHPD-mapped boundary within the corridor overlap.

While the Phase I archaeological survey did not encounter any artifacts, 47WK75/BWK-0271 is listed as a burial site and is protected under *Wis. Stats §157.70*; therefore, an archaeological monitor will be required during ground disturbing activities within the site boundary.

Five historical structures are overlapped by the Return Flow Pipeline corridor. Structure AHI ID #8283 was destroyed prior to 2012. Extant structures AHI ID #8278 and #8286 are overlapped by the corridor along the edge of the right of way. These structures will not be affected by proposed construction. TRC's visual examination of the corridor at the location of AHI ID #8285 noted that the house is within 20 feet of the corridor. However, this structure does not

appear to retain historical integrity. The structure has had additions and modifications that changed the look and the floor plan. Thus, no additional investigation of the structure is recommended. Structure AHI ID #8284 is a house that is within 50 feet of the corridor. The house appears to be well maintained with little modification to the exterior; it is part of a farmstead with at least three other original buildings – a barn and two sheds. One shed is about 20 feet from the east edge of the road. Although the farmstead is not on the NRHP or the state register, it appears to have potential for the NRHP. Therefore, TRC recommends that the farmstead be field checked by an architectural historian prior to construction if construction will be on the west side of the road at that location. The TRC Principal Archaeologist met with the owner who expressed an interest in having the site considered for NRHP significance.

Durham Drive / S. North Cape Road Intersection to W. Ryan Road / CTH 00 Intersection

The next segment is adjacent to a small marsh (at the north end), residences, a Par 3 golf course, a wooded area, and fallow fields. One cemetery, BWK-0044 (Luther Parker Cemetery), is at the S. North Cape Road/W. Ryan Road intersection. TRC's principal archaeologist conducted research in summer 2017 which showed that the limits of the Luther Parker Cemetery were mapped incorrectly.

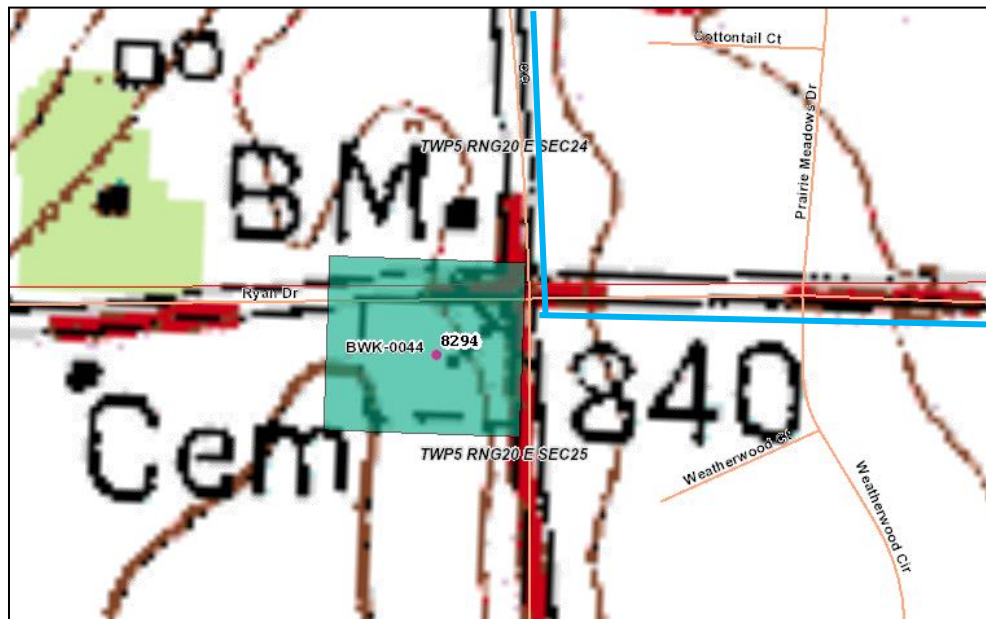


Figure 5-10 WHPD map location of BWK-0044 prior to request for update.

As mapped in the WHPD, BWK-0044 overlapped the intersection of Ryan Road and North Cape Road when in fact, the cemetery is contained in the southwest quadrant of that intersection and does not overlap the intersection. A written report of the finding was sent to the WHS with a request to review; WHS concurred with the finding and changed the WHPD mapping for the site. The cemetery is no longer overlapped by the corridor.

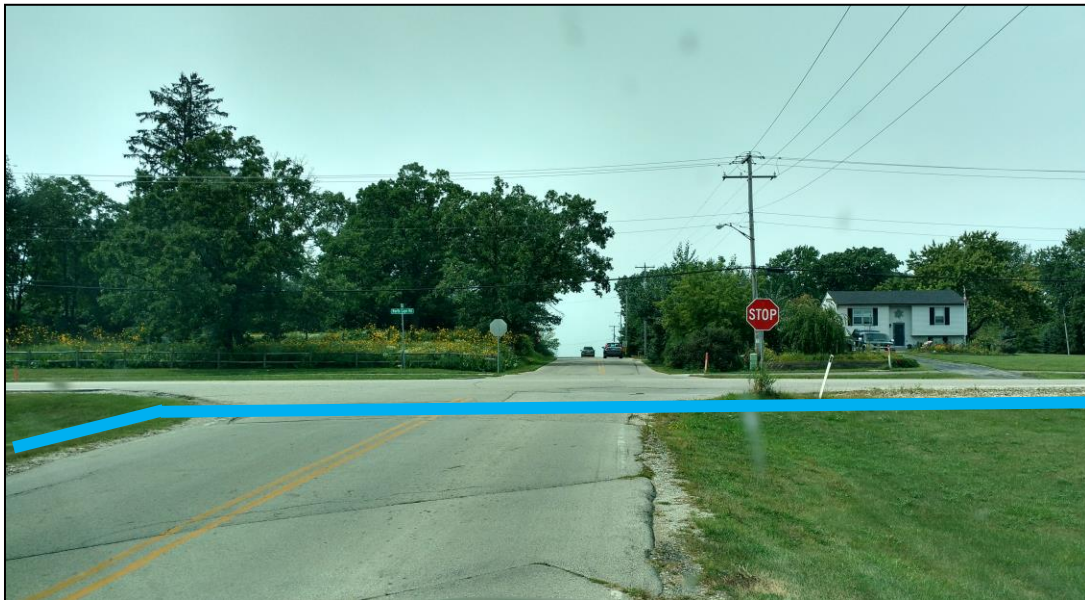


Figure 5-11 Planned route (blue), BWK-0044 – opposite corner of intersection.

The east-west segment of Ryan Road along the north edge of the cemetery is cut out of a hill; if there were burials in that location prior to the existence of Ryan Road, they can no longer exist. The north-south segment of North Cape Road along the east side of the cemetery has recently undergone underground utility construction and new sidewalk construction. Apparently, these projects did not require an archaeological survey because a survey is not shown on the WHPD map.

One historical house (AHI ID #8291) is also overlapped by the corridor. The house, at W127 S8929 N Cape, was not encountered. Aerial photographs show that it was demolished between 2014 and 2015; therefore, the house is not in the route. Despite that, the structure is still listed in the AHI.

Much of the corridor was shovel tested at 15-meter intervals and showed primarily disturbed soil profiles. A few profiles showed an A horizon of brown silt loam (25 centimeters) over a B horizon of yellowish brown clayey loam. In the northern part of the segment, near a marsh, a high road prism was made of fill for road construction; shovel tests confirmed that fact. Shovel test profiles along S. North Cape Road were consistent with the profile described earlier, i.e., this area was disturbed by residential and road construction. The fallow fields along this segment were adjacent to high road prisms built along sloped areas that led down to a small pond. No artifacts or archaeological sites were found along the segment.

W. Ryan Road to S. 60th Street

The Return Flow Pipeline corridor follows west along W. Ryan Road to S. 60th Street, a stretch that is adjacent to residential, industrial and commercial developments, wooded areas, standing agricultural fields, cut agricultural fields, and marsh. One archaeological site, 47MI177, a cemetery - BMI-0176 (Dutch Reformed Cemetery) - and three historical structures, AHI ID #8715, #108177, and #108179, are reported for this segment.

Both standing and harvested agricultural fields were 40 to 80% clear of ground clutter while the standing agricultural fields had 90% surface visibility. These fields were surface collected at 5-meter intervals with no archaeological discoveries. The residential, industrial, and commercial developments and wooded areas were shovel tested at 15-meter intervals, also with no discoveries. Soil profiles in the wooded areas showed A horizons of brown silt loam (15

centimeters) over B horizons of yellowish brown silt loam. Profiles in the residential, industrial and commercial areas showed mixed soils that reflect a history of ground-disturbing construction. Soil profiles showed 5 -10 centimeters of topsoil over mixed soils with construction gravel. Shovel tests in the residential area east of S. 112th Street showed two general profiles. Some profiles were consistent with the disturbed soils noted in the commercial and industrial areas. Other profiles showed an A horizon of brown silt loam (25 centimeters) over a B horizon of yellowish brown silt loam. No artifacts were found in these areas. Standing water and cattails were encountered in the marshy areas.

Archaeological site 47MI177 is on the north side of W. Ryan Road and due to a project redesign it is currently overlapped by the direct pipeline corridor. Between August 28 and 31, 2018 the site area overlapped by the Program was surface collected at a 2.5 meter interval. Field conditions consisted of standing soy bean with 50% visibility. No artifacts or archaeological deposits were discovered during surface collection. Since there was a reported site at this location shovel tests were excavated to determine the potential for buried deposits. No artifacts or archaeological deposits were discovered during shovel testing. No further work is recommended.

The Dutch Reformed Cemetery (BMI-0176), - as mapped in the WHPD, is overlapped by a narrow bit of the proposed corridor. TRC archaeologists made a visual inspection of the cemetery in late fall upon receiving the approved *Request to Disturb a Human Burial Site*. The ground was frozen, and the fieldwork part of the survey could not be completed, but the visual inspection and mapping of above ground elements were conducted at that time. The entrance sign and head stones nearest the route are within the reported cemetery boundary and there is a thin overlap between the WHPD-mapped boundary and the proposed construction corridor.

The WHPD boundary was changed sometime in late 2017 after the archaeological survey. Now, the WHPD mapped boundary of the cemetery is from 21-26 feet outside of (south of) the right of way; therefore, there is no concern with this cemetery. However, because of the proximity, and the uncertainty of the location of graves in old cemeteries, we recommend consultation with SHPO on this cemetery prior to construction.

A house at 5720 W Ryan Road (AHI ID #8715) was demolished prior to 2012. No additional archaeological work is needed at that address. A structure at 7623-7625 W Ryan Road (AHI ID #108177) is outside of the Return Flow Pipeline corridor and needs no archaeological work. A town hall at 7811 W Ryan Road (AHI ID #108179) is within 40 feet of the Return Flow Pipeline corridor. Archaeological survey of the parking lot surrounding the town hall showed the ground was disturbed to the extent that the archaeological context was destroyed, but the structure appears to be in good condition. The WHPD was checked again on May 4, 2018 and showed that this site was not resurveyed in 2017 due to "loss of integrity". Therefore, it is not a concern for this project.

Ryan Road Easements

On November 12, 2018, additional easement areas were surveyed along Ryan Rd. for the proposed ROW widening. This segment consisted of an additional 25 feet of ROW along the south side of Ryan Rd. beginning 650 feet west of the Ryan Rd./S 92nd St intersection and extending west for a distance of 2,025 feet. The survey began with a harvested soy bean field in the west half of the corridor. The field, which had 35-70% surface visibility, was surface collected at 5 meter intervals. A small area at the west edge of the segment was wooded with trees and underbrush. It was shovel tested at 15 meter intervals along one transect. Shovel test profiles showed an A-horizon of black to dark brown silt loam, (20 cm) over a B-horizon of brown clayey silt loam. The dark A-horizon was indicative of wetland soils and visual examination of the area noted that it was on the edge of a wetland. East of the soy bean field, a small wooded knoll was shovel tested at 15 meter intervals. Shovel tests on the east side of the knoll showed angular gravel mixed with brown silt loam. Shovel tests on the west side of the knoll showed profiles with an A-horizon of brown silt loam (15 cm) over a B-horizon of yellowish brown silt loam. A wetland was encountered in the east half of this segment with standing water, cattails and a pond. The eastern end of this segment consisted of a fallow and wooded area was cleared in the recent past. The location, which had 30-50% ground surface visibility, was surface collected at 5 meter intervals. A field stone barn ruin and shed foundation were noted along with a poured concrete silo foundation. The structural ruins are outside the project area.

S. 60th Street / Ryan Road to S. 60th Street / Oakwood Road Intersection

The last segment of the Return Flow Pipeline follows south from the S. 60th Street/Ryan Road intersection to approximately 450 feet south of the S. 60th Street/W. Oakwood Road intersection. The route is bordered by an industrial park, a residential lot, and two agricultural fields. Two archaeological sites were reported to overlap this part of the corridor (47MI3 and 47MI6).

The route along S. 60th Street in the industrial part of the corridor was shovel tested at 15-meter intervals. Shovel test profiles showed topsoil (5 -10 centimeters) over mixed soils with intermixed construction gravel indicating probable loss of context. No artifacts were found along that segment. The rest of the segment traversed two archaeological sites.

The route overlaps the eastern edge of 47MI3. The site encompasses parts of a residential lot and an agricultural field. The corn field, which was surface collected at 2.5-meter intervals, had 70% ground surface visibility, but yielded no artifacts. The residential lot was shovel tested at 10-meter intervals with no finds. Soils indicated that the area was disturbed by construction of the house and the road.

Archaeological site 47MI6 is also overlapped by the Return Flow Pipeline corridor. At the time, the Return Flow Pipeline was proposed for the east side of S. 60th Street from the archaeological site with only a short segment of the corridor overlapping it. The southern part of the overlap was marsh while the northern part was a harvested agricultural field with 70% visibility. This area was surface collected at 5-meter intervals with no findings.

5.2 Former Route Alternative 2 and 3 Southern Segment

Former Route Alternative 2 and 3 southern segment ran along existing roads. Shovel testing in the residential, commercial, and industrial developments noted disturbed soil contexts caused by large scale mechanical earth moving (scraping, grading, leveling, and filling).

Ryan Road/ 22nd Street

Field work on former Route Alternative 2 and 3 Southern Segment began at the intersection of Ryan Road and S. 60th Street and ran east-along Ryan Road to the intersection of Ryan Road and 22d Street. The corridor borders commercial and industrial developments. One archaeological site, 47MI392, one burial site, BMI-0065, and six historical structures (AHI ID #8711, 8713, 8714, 8716, 108169, and 108173), are overlapped by this segment of the corridor. The commercial and industrial developments were shovel tested at 15-meter intervals where there was relatively unmodified ground. Shovel test soil profiles showed a topsoil layer (20 centimeters) over gravel fill. No artifacts were found along this segment of the route.

TRC's field observation of the Painesville Chapel (AHI ID #8711) and Painesville Cemetery (BMI-0065) noted that both the chapel and cemetery are on the opposite side of the road from the Former Route Alternative 2 and 3 alignment; however, a narrow segment of the site is overlapped by the 50 foot buffer.

Shovel tests in the Former Route Alternative 2 and 3 corridor/Trost Site (47MI392) overlap space showed that this part of the archaeological site was disturbed by industrial and commercial development. No artifacts or archaeological deposits were found, thus, the site was not relocated. No additional archaeological work is recommended for this location.

Structures AHI ID #8713, 8714 (Riverside School), 108169 (Giese Farm House), and 108173 were demolished between 2004 and 2010 and no additional cultural resources investigation is recommended. TRC's field observation

of AHI ID #8716 (Buckhorn Tavern) noted that this structure was outside of the proposed Former Route Alternative 2 and 3 corridor and would not have been affected by the Program.

No new archaeological sites or historical structures were identified along the remainder of the Route Alternative 2 and 3 Southern Segment and no additional cultural resources investigations are recommended. This segment is no longer part of the Program design.

5.3 Route Alternative MKE

Former Route Alternative MKE ran along existing roads. Shovel testing in the residential, commercial, and industrial developments noted disturbed soil contexts caused by large scale mechanical earth moving (scraping, grading, leveling, and filling).

S. Calhoun Road / W. Beloit Road Intersection to W. Beloit Road / W. Cold Spring Road Intersection

Field work on former Route Alternative MKE began at the S. Calhoun Road/W. Beloit Road intersection and ran east-northeast along W. Beloit Road to the W. Beloit Road/W. Cold Spring Road intersection. The corridor borders residential and commercial developments and one marshy stretch. One archaeological site, 47WK483, and one historical structure (AHI ID #230031), are overlapped by this segment of the corridor. The segment from the S. Calhoun Road/W. Beloit Road intersection to the W. Beloit Road/S. Moorland Road intersection was under construction at the time of the survey. Road widening and redesign of the roadside ditches and installation of man holes for storm sewer lines were underway at that time. The residential and commercial developments were shovel tested at 15-meter intervals where there was relatively unmodified ground. Shovel test soil profiles showed shallow topsoil (10 centimeters) over mixed soil types intermixed with gravel. No artifacts were found along this segment of the route.

A shed, AHI ID#230031, is outside of the proposed Route Alternative MKE right of way; therefore, no additional archaeological work is recommended for this segment.

Archaeological site 47WK483, reported in 1983 as three artifacts, was in this segment, north of W. Beloit Road and west of the intersection with S. Moorland Road. Shovel tests were attempted, but parking lots, roadside ditches and buried utilities showed that the segment the soil context was compromised by construction work. A 2008 archaeological survey was not able to relocate the site, but reported that the site area was extensively deflated, and the A horizon was absent. That survey suggested that the artifacts found in 1993 might have been transported to that location as a result of nearby road or creek reorientation. The 2017 archaeological survey result concurs with the earlier conclusion of disturbed context. No additional archaeological work is recommended for this area.

W. Cold Spring Road to S. 60th Street / W. Forest Home Avenue Intersection

The survey continued east along W. Cold Spring Road to S. 60th Street. From that point, Route Alternative MKE followed north along S. 60th Street to the S. 60th Street/W. Forest Home Avenue intersection where the route terminated. That segment had more closely spaced residential areas interspersed with commercial properties. Archaeological site 47MI143, the Masonic Temple (AHI ID #8778) and the Schmitz-Toelle Farmhouse (AHI ID #11909), are overlapped by Route Alternative MKE. The segment was shovel tested at 15-meter intervals with no finds. Shovel test profiles showed shallow top soil (10 centimeters) over mixed soil types with gravel intermixed. Soil conditions were similar within the limits of a small park along this segment, as well as increasingly wet soils in proximity to a channelized reach of Honey Creek.

Archaeological site 47MI143 is reported to exist within this segment of the corridor. The western site boundary spans the length of S. 60th Street between W. Cold Spring Road and W. Howard Avenue. The Route Alternative MKE

corridor is on the opposite site of the road from the cemetery and a short, narrow section of the Route Alternative MKE right of way overlaps the archaeological site. This narrow overlap of the WHS-mapped site boundary has been disturbed by episodes of building and road development; therefore, TRC does not recommend additional archaeological work at this location. This route is no longer part of the Project.

The Masonic Temple (AHI ID # 8778) is outside of the Route Alternative MKE corridor and no additional work is needed. On-site review of the Schmitz –Toelle Farmhouse (AHI ID #11909) noted that the house appeared to remain in about the same condition as it was in 2008 based on a photograph in the WHPD. At that time, the reviewer felt that the house might have NRHP potential. The accompanying outbuildings are still standing, but are well outside of the Program corridor. The farm house is on the opposite side of the road from the Route Alternative MKE route and the proposed right of way overlaps about 10 feet of the house site as it mapped on the WHPD. TRC recommended at the time of the survey that the right of way be adjusted to avoid the mapped overlap if possible. As an alternative, the house could be surveyed by an architectural historian. This route is no longer being considered so no further action is necessary.

5.4 Water Supply Pipeline

The Water Supply Pipeline route follows existing road corridors as described earlier. The route crosses or is tangential to wooded areas, fallow fields, road cuts, roads, local parks, residential and commercial areas, agricultural fields, and marshes in New Berlin Township in Waukesha County and Greenfield Township in Milwaukee County. Archeological survey began on the west end of the corridor and proceeded east to the end. A final decision as to which side of a road would carry the Water Supply Pipeline had not been made at the beginning of the survey; therefore, both sides of the road were surveyed.

East Sunset Road

The survey began with the two short segments off E. Sunset Road. The first is in the northwest corner of the E. Sunset Road/Les Paul Pkwy intersection and the second area extended south from E. Sunset Road along Guthrie Road. Both areas were grass covered and shovel tested at 15-meter intervals. Soils in the first area were heavily intermixed with gravel at the surface. The area had been disturbed by scraping and filling for construction of a water utility nearby and a transmission line directly overhead. The second area had a top soil layer over construction gravel fill. This area had been disturbed by road construction.

South Swartz Road

S. Swartz Road, between its intersections with S. Racine Avenue and W. Coffee Road was surveyed. This stretch is adjacent to a residential lot, three agricultural fields, a church and school lot and a landfill. The latter two lots were shovel tested at 15-meter intervals. Shovel test profiles showed an A horizon of dark brown silt loam (25 - 40 centimeters) over a B horizon of yellowish clayey silt loam.

The landfill north of the church and school lot was buffered at the perimeter with a high earthen berm. Shovel test profiles showed disturbed soil mixed with construction gravel. Shovel tests did not show any intact soil deposits and did not discover any artifacts.

Shovel tests in the residential lot also showed soil with a mix of construction gravel. The soil integrity within the Water Supply Pipeline corridor at this lot had been disturbed by utility line and road construction. The agricultural fields had 40 – 60% ground surface visibility. The fields were surface collected at 5-meter intervals without artifact discovery.

West Coffee Road to S. Calhoun Road

The next segment of the route was between the S. Swartz Road/W. Coffee Road intersection and W. National Avenue. The west half of the segment, from S. Swartz Road to S. Calhoun Road, was adjacent to agricultural fields and residential lots. There were also a few short segments of standing water and marsh that were not shovel tested, but were visually examined and photographed.

The residential areas were shovel tested at 15-meter intervals. Shovel test profiles showed a top soil layer over mixed soils and construction gravel fill identifying this as disturbed by residential and utility line construction, grading and road construction. Intact soils were not found in the segment.

The agricultural fields held corn stubble with 50 – 90% visibility, wheat stubble with 70 - 80% visibility, and one recently planted tree farm with 80% visibility. The fields were surface collected at 5-meter intervals with no finds.

The east half of the segment, from S. Calhoun Road to W. National Avenue, was surveyed for archaeological sites in 2008. The surveyed area coincides with the proposed Water Supply Pipeline route survey area. No new or previously recorded sites were encountered during the 2008 survey (Keene 2008) and no additional archaeological work was recommended for that segment in 2008. Since it was already surveyed, there was no need to conduct another archaeological survey on the same ground.

W. National Avenue / W. Coffee Road Intersection to W. Oklahoma Avenue

The next segment of the route followed northeast and east along W. National Avenue from W. Coffee Road to W. Oklahoma Avenue (

Figure 5-12). Much of this segment was adjacent to commercial and residential lots. Shovel tests were dug where possible, at 15 meters intervals, because lengthy stretches were disturbed by utility installation, earthen berms, grading and pavement. Shovel tests that were excavated showed disturbed soil profiles with a layer of topsoil (10 – 30 centimeters) over construction gravel fill.



Figure 5-12 View to northeast at W. National Avenue/S. Sunny Slope Road, a developed urban setting. Source: TRC Cultural Resources.

One house, AHI ID #8328 at 14634 W. National Avenue, is overlapped by the corridor. Aerial photographs from 1980 and 1990 showed an addition to the west wall that wrapped around to the north (back) wall. The Water Supply Pipeline is planned for the same side of W. National Avenue as the house. Based on the current web map, the Water Supply Pipeline route will run between the sidewalk and the road, areas that are already disturbed by construction and which may contain underground utilities. The Principal Archaeologist interviewed the home owner on June 29, 2018 to determine if the house should be field checked by an architectural historian. The owner thought that the house was built in 1859, but could not substantiate the date. Associated outbuildings – a barn and a well house – were razed some years ago. The house has been modified to the extent that it lacks potential for architectural significance; also, the lack of integrity would disqualify it from NRHP eligibility on the basis of historical significance.

Most of the Water Supply Pipeline segment along W. Oklahoma Avenue from W. National Avenue to S. 76th Street is commercial or residential and well developed (

Figure 5-13). Shovel tests were dug, where possible, at 15-meter intervals. Underground utilities and pavement compromised the ground integrity for much of the segment. Shovel tests showed disturbed soil profiles with a layer of topsoil (5 - 25 centimeters), over construction gravel fill. No intact soils or archaeological sites were encountered in this segment.



Figure 5-13 View to east along W. Oklahoma Avenue, a residential development. Source: TRC Cultural Resources.

W. Oklahoma Avenue / S. 76th Street Intersection to W. Honey Creek Drive

The next segment, from the W. Oklahoma Avenue/S. 76th Street intersection to W. Honey Creek Drive, was largely commercial development with paved driveways and parking lots. Shovel tests were dug where possible, at 15-meter intervals. Underground utilities construction had rendered much of the soil context disturbed. Shovel test profiles showed a layer of topsoil (5 - 25 centimeters) over construction gravel fill. No intact soils or archaeological sites were encountered.



Figure 5-14 View to north along S. 76th Street, an urban development. Source: TRC Cultural Resources.

W. Honey Creek Drive to 68th Street Intersection

The segment from the S. 76th Street/W. Honey Creek Drive intersection follows W. Honey Creek Drive southeast to S. 68th Street (

Figure 5-15). Much of the segment was residential with some commercial development and deep, wide, drainage ditch. Shovel tests, where they were dug, were at 15-meter intervals. Underground utilities installation and pavement disturbances were apparent. Shovel tests showed profiles with a layer of topsoil (5 - 30 centimeters) over construction gravel fill. The slope to the drainage ditch had been graded into shape; thus, the natural soil had been disturbed. Soil profiles showed a deeper top soil layer (30 centimeters) over construction gravel. No intact soils or archaeological sites were encountered.



Figure 5-15 View to southeast along W. Honey Creek Drive, an urban residential development. Source: TRC Cultural Resources.

S. 68th Street to W. Howard Avenue

The next segment, from the W. Honey Creek Drive/ S. 68th Street intersection to the S. 68th Street/W. Howard Avenue intersection, is a residential development. Shovel tests were dug at 15-meter intervals where not prohibited by driveways and underground utilities. Shovel test profiles showed a layer of topsoil (10 - 20 centimeters) over fill soil with gravel intermixed. Artifacts were not found.

W. Howard Avenue to S. 60th Street

The last segment, from the S. 68th Street/ W. Howard Avenue intersection east to S. 60th Street, is mainly residential with some commercial development. Shovel tests were dug, where possible, at 15-meter intervals. Underground utilities, paved drives and parking lots were present in much of the route. Shovel test profiles showed a layer of topsoil (10 - 20 centimeters) over mixed soil with gravel intermixed. No artifacts were encountered.

The Blessed Sacrament Cemetery, BMI-0042, is overlapped by the Water Supply Pipeline 50-foot buffer along the north side of W. Howard Avenue. The Water Supply Pipeline route runs along the south side of the road well outside of the cemetery boundary. The cemetery was examined and mapped, the caretaker was contacted, and the plot map and deed were obtained. Since the cemetery is on the opposite side of the road, it will not be affected by the proposed construction. TRC recommends that construction traffic and staging areas avoid the cemetery.

5.5 Clean Water Plant and Return Flow Pumping Station

At the Clean Water Plant and Return Flow Pumping Station, the survey covered 1,500 feet of proposed pipeline route that enters that facility site and wraps around the north side of the existing buildings, ending in the southwestern part of the facility site. The area holds commercial development and a wooded lot in the western part (**Appendix 2**).

The 1,500-foot corridor was shovel tested at 15-meter intervals with no finds. Shovel tests encountered soils heavily intermixed with gravel fill. The area had been disturbed by leveling and filling to create a flat construction surface. No additional archaeological investigation is recommended at this location.

5.6 Booster Pumping Station

The Booster Pumping Station encompasses 26 acres at Minooka Park at the southwest corner of the S. Racine Avenue/S. Swartz Road intersection in New Berlin, Wisconsin. The parcel contains a woodlot in the northwest half and southern border and a cornfield in the southeastern part (**Appendix 2**).

The wooded area, which slopes gently downward and away from S. Racine Avenue, was shovel tested at 15-meter intervals with no finds. Shovel test profiles showed an A horizon of brown silt loam (25 centimeters) over a B horizon of yellowish brown silt loam indicating a soil that was more or less intact aside from cultivation and years of erosion. A 60-degree slope about 20 meters from the southeast edge of the woodlot at the edge of the corn field was not shovel tested.

Ground surface visibility in the standing corn field was about 90% with the exception of a small drainage that extended southwest from S. Racine Avenue where visibility was 40%. Surface collection at 5-meter intervals yielded one artifact, an isolated find, which was later assigned the site number 47WK648 by the WHS. A scatter of historical artifacts from a nearby location was assigned site number 47WK649.

5.6.1 Phase I Archaeological Survey Site Results

1. 47WK648

A Late Archaic Durst projectile point was found on the surface in the SE $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$, SE $\frac{1}{4}$, of section 18 of T6N, R20E in New Berlin Township, Waukesha County, Wisconsin [GPS Zone 16, 404282E, 4758401N] (**Figure 5-16 Late Archaic Durst projectile point from 47WK648., Appendix 2**). Upon discovery, the survey interval was reduced to 2.5 meters and a 40-x-40-meter area was covered to look for additional artifacts; none were found. This projectile point type has been dated at several sites in Wisconsin to the 1000-500 BC time period. The isolated find was on a slope near the drainage extending to S. Racine Avenue. The broken projectile point may have been lost while hunting and does not necessarily indicate a habitation or campsite. No additional archaeological work is recommended for the location.



Figure 5-16 Late Archaic Durst projectile point from 47WK648.

2. 47WK649

Thirty Euro-American artifacts were found on the surface of a corn field in the NW $\frac{1}{4}$, SW $\frac{1}{4}$, SE $\frac{1}{4}$, of section 18 of T6N, R20E in New Berlin Township, Waukesha County, Wisconsin [GPS Zone 16, 404098E, 4758805N] (**Figure 5-17 Artifacts from 47WK649., Appendix 2**). Upon discovery, the survey interval was reduced to 2.5 meters and a 40-x-40-meter area was surveyed to locate additional artifacts. A total of 30 artifacts were found.

The artifacts consisted of clear, aqua, and brown vessel glass shards, ironstone ceramic sherds, and utilitarian salt-glazed stoneware sherds. These artifacts point to a late 19th century origin for the assemblage. Table 5-1 lists the total artifact inventory.



Figure 5-17 Artifacts from 47WK649.

Table 5-1 Artifact Assemblage for site 47WK649.

Artifact Type	Qty	Description
ironstone sherds	17	undecorated body
ironstone sherds	1	molded, unknown mold pattern,
stoneware sherds	4	utilitarian salt glazed stoneware
clear glass	4	body shards
aqua glass	1	neck with applied finish
brown glass	2	one base fragment shows partial maker's mark: "Owens"
brown glass	1	neck with mold lines
TOTAL	30	

The parcel where the find was made was once part of the William Swartz Farm, later known as Cornfalfa Farms, but the artifacts are not necessarily related to this occupation. Atlases from 1873, 1878, 1881, 1891, 1914, and 1930; topographic maps from 1891, 1901, 1959, 1971, 1976, and 1994; and the 1937 aerial photograph were reviewed as part of the research for this site. These maps indicate that there may have been a structure at this location before 1873, but it was not there on the 1901 map. Sometime between 1903 and 1937, an outbuilding was erected near the

same location and was still present in 1994. Recent aerial photographs show that by 2000, the building had been removed. The artifact scatter was discovered at this approximate location.

The building, or buildings, is gone and the area has been under cultivation for more than 100 years. Therefore, additional archaeological work at that location is not likely to yield information important to prehistory or history. It is TRC's assessment that no additional archaeological work is needed at that location.

5.7 Return Flow Facilities and Outfall Site

The Return Flow Facilities and Outfall Site encompasses about 78 acres in the southeast corner of the S. 60th Street/W. Oakwood Road intersection. It is bounded by S. 60th Street on the west, Oakwood Road on the north, the Root River on the south, and a property line on the east. The Root River flows through the southwest corner of the parcel; the parcel contains fallow fields, woodlots, a large marsh, a small pond, and agricultural fields. One previously reported archaeological site, 47MI180 (**Figure 5-18 47MI180 (orange) as it was described in a 1978 report. Source: WHPD.**), is overlapped by the parcel and another, 47MI241, abuts the south edge of the Return Flow Facilities and Outfall Site (**Figure 5-19 Total Area Surveyed by Shovel Testing or Surface Collection in 2017**).

The wooded areas, fallow fields, and areas at the periphery of the marsh that had dry soil were shovel tested at 15-meter intervals (**Figure 5-19 Total Area Surveyed by Shovel Testing or Surface Collection in 2017**). Many of the shovel test soil profiles north of the Root River showed an A horizon of brown silty clay (25 centimeters) over a B horizon of yellowish brown silty clay. Shovel test profiles near the marsh were similar, with an A horizon of brown silty clay (25 centimeters) over a B horizon of grayish yellow-brown silty clay. Most of the shovel tests south of the Root River showed an A horizon of brown silty clay (35 centimeters) over a B horizon of grayish yellow-brown silty clay. A few shovel tests showed mixed soil types interspersed with gravel from the construction of a transmission line along the south boundary of the proposed facility site. One new find, a projectile point, was discovered in a shovel test in a fallow field just north of the marsh and small pond (**Figure 5-19 Total Area Surveyed by Shovel Testing or Surface Collection in 2017**). The OSA assigned site number 47MI559 to the find. The agricultural fields were surface collected at 5-meter intervals with the exception of inside the previously reported site 47MI180 where the interval was reduced to 2.5 meters. Ground surface visibility was 50-90% in partially harvested soy beans. A full discussion of field investigations at each site is presented in **Section 5.7.1**.

5.7.1 Phase I Archaeological Survey Site Results

1. 47MI180

The Return Flow Facilities and Outfall Site location is where the clean water return from Waukesha will enter the Root River. Archaeological site 47MI180 is in that parcel. The archaeological find was reported by archaeologists as "8 FLAKES" (Benchley et al. 1978).³ It is shown in the WHPD as the orange shape labeled MI-0180 (**Figure 5-18 47MI180 (orange) as it was described in a 1978 report. Source: WHPD.**). The site shape is an arbitrary outline that was drawn to encompass the loose scatter of eight chert flakes that were collected in 1978. That mapping encumbers approximately 9.4 acres as an archaeological site. The 1978 report indicates that the location was investigated by surface collection under unspecified ground conditions, but the field was probably cultivated at the time.

³ Flakes are the waste by-product of stone tool manufacture.

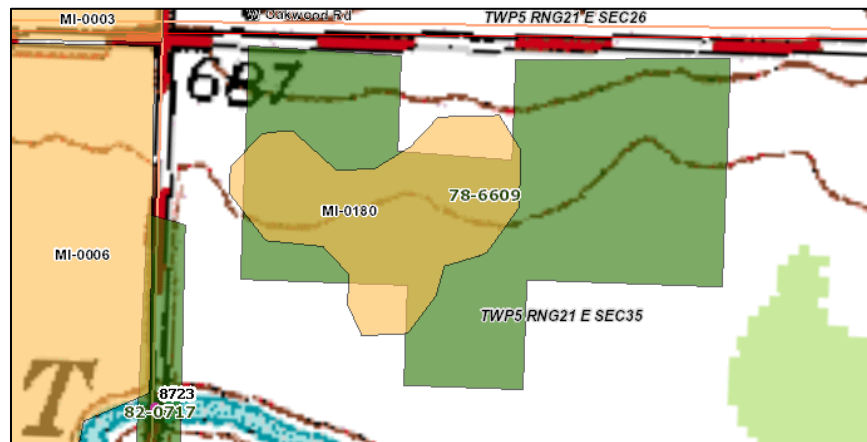


Figure 5-18 47MI180 (orange) as it was described in a 1978 report. Source: WHPD.

The possibility that there might have been an archaeological site somewhere in the vicinity was identified many years earlier and it was noted on the C.E. Brown Atlas as a campsite on the Giese property. The WHPD, which incorporates aspects of the Atlas, gives the location as the NW¼, NW¼ of section 5 in T5N, R21E.

Section 4.7.1.1. of this report provides the full archaeological history of the site as of 2017. Table II of the 1978 archaeological report implies that the archaeologists believed that the likelihood of total site preservation was complete or likely (Benchley et al. 1978: 31).

In 2017, TRC archaeologists conducted a Phase I archaeological survey of the Return Flow Facilities and Outfall Site location which included archaeological site 47MI180 as it was defined in 1978 (**Figure 5-18 47MI180 (orange) as it was described in a 1978 report. Source: WHPD.**) shows the area surveyed and the techniques used to conduct the survey of the much larger property outlined in black. One projectile point was found in a shovel test at the location labeled 47MI559 on **Figure 5-18 47MI180 (orange) as it was described in a 1978 report. Source: WHPD.** and several artifacts were found on the surface within the general area outlined in blue on the left side of **Figure 5-18 47MI180 (orange) as it was described in a 1978 report. Source: WHPD.**

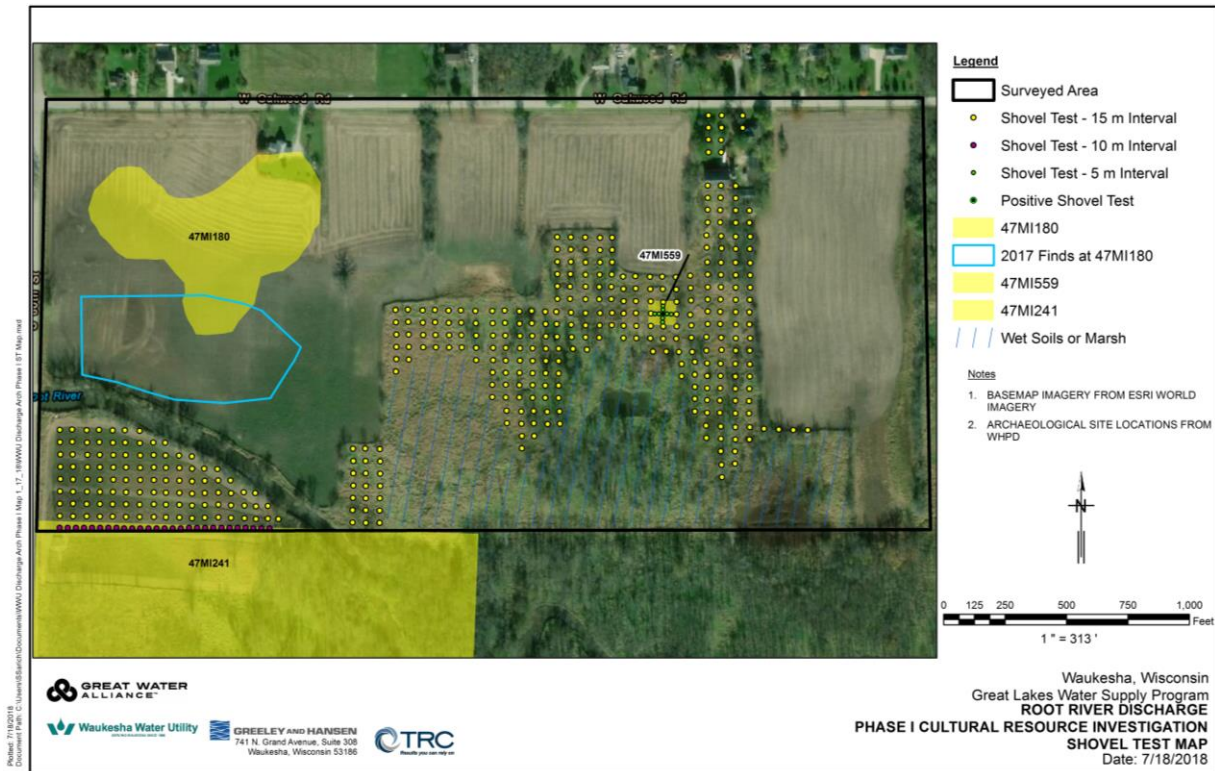


Figure 5-19 Total Area Surveyed by Shovel Testing or Surface Collection in 2017

Based on TRC's discovery of 98 artifacts outside of the mapped area of the 1978 archaeological site, and no artifacts within the WHPD-mapped site boundary (**Table 5-2**), the dense concentration of artifacts appeared to warrant a more thorough investigation. The TRC Principal Archaeologist recommended that a more intensive Phase I archaeological survey (Phase I+) be conducted within the area that, at the time, was being considered as a location for the Return Flow Facilities and Outfall Site.

Table-5-2 Artifact Assemblage for Phase I archaeological survey of 47MI180

Location	Qty	Description
Surface	1	Durst projectile point
	1	Stage III biface
	11	primary thinning flakes
	26	secondary thinning flakes
	59	tertiary thinning flakes
TOTAL	98	



Figure 5-20 Late Archaic Durst point found at 47MI180

2. 47MI241

A narrow strip of the northern limit of this archaeological site is overlapped by the southern boundary of the facility site (**Appendix 2**). One line (transect) of shovel tests was dug at 10 meter intervals along the overlap (purple dots on). Two of the shovel tests yielded gravel, an indicator of soil disturbance, possibly due to construction of the nearby transmission line. The other shovel tests showed an A horizon of brown silty clay (35 centimeters) over a B horizon of gray—yellow-brown silty clay. No artifacts were found, and no additional archaeological work is recommended for that area.

3. 47MI559

One Late Archaic or Late Woodland bifurcate base projectile point was found in a shovel test in the SW $\frac{1}{4}$, SE $\frac{1}{4}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$, of section 35 of T5N, R21E in Franklin Township, Milwaukee County, Wisconsin (GPS Zone 16, 419626E, 4745324N) (**Figure-5-21 Bifurcate based projectile point (47MI559)**). The point, made of unknown chert, is 3.0 centimeters long, 2.8 centimeters at widest point, and 0.4 millimeter thick. The tip is missing as is one of the basal ears.

Eight more shovel tests were dug around the find shovel test in four cardinal directions at 5-meter intervals to determine if there was more than just the projectile point, but there was not. The shovel test profiles were similar to the surrounding area with an A horizon of brown silty clay (25 centimeters) over a B horizon of yellowish brown silty clay or grayish yellow- brown silty clay near the marsh. Since this was an isolated find, there is no need for additional archaeological work at this location.



Figure-5-21 Bifurcate based projectile point (47MI559)

5.7.2 Phase I+ Archaeological Survey Results

1. 47MI180

After the Phase I archaeological survey discovered a dense lithic scatter just south of the WHPD-mapped location of 47MI180, an intensive survey of this area and the original site area was conducted. This survey, referred to internally as a Phase I+, consisted of close interval (2.5 meter) surface collection followed by reduced interval (10 meter) shovel testing. The intensive survey covered the west half of the proposed Return Flow Facilities and Outfall Site which encompasses the original archaeological site area as reported in 1978, and the new artifact assemblage discovered south of the mapped site during the 2017 Phase I survey. The results of the close-interval shovel testing are shown on **Figure 5-22 Area of Intensive Shovel Testing with Surface Collected Artifacts Overlaid.** shows the results of the five meter interval surface collection and the three positive shovel tests.

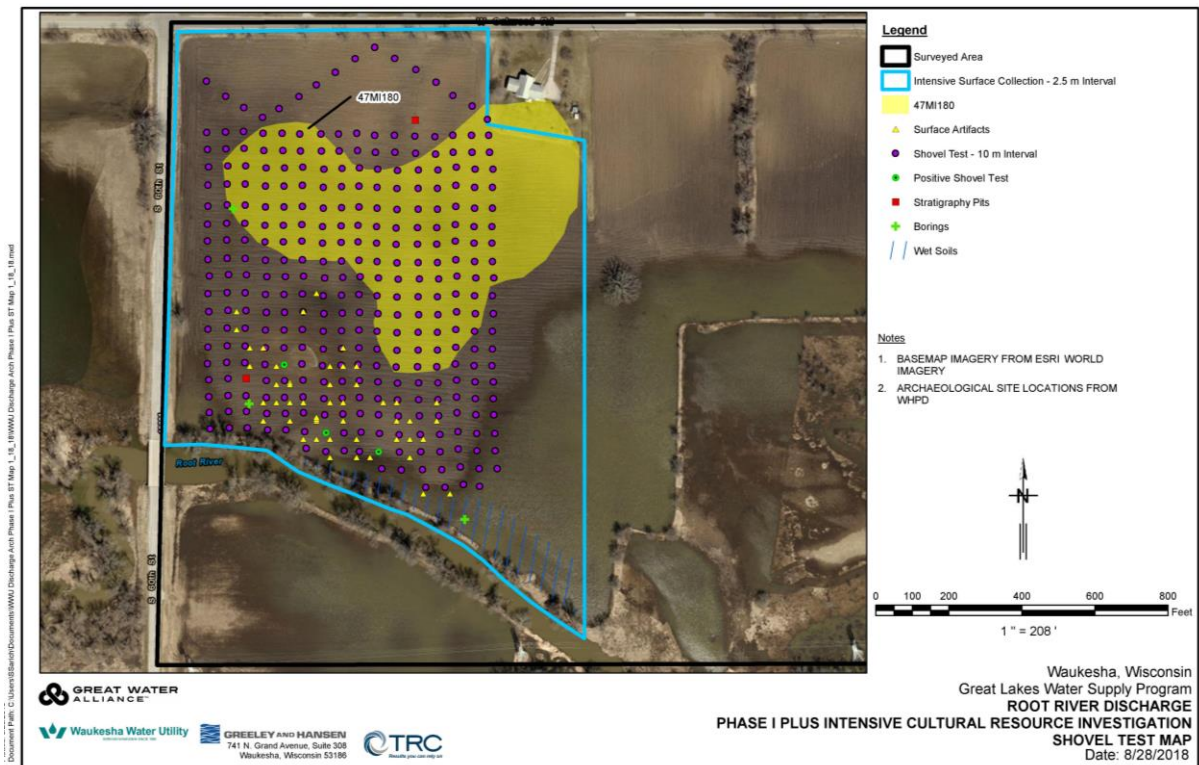


Figure 5-22 Area of Intensive Shovel Testing with Surface Collected Artifacts Overlaid.

Three artifacts were recovered from three shovel tests (Figure 5-22 Area of Intensive Shovel Testing with Surface Collected Artifacts Overlaid.), while an additional 54 artifacts were recovered through surface collection (Table 5-3). All the artifacts from shovel tests and surface collection were discovered outside of the WHPD-mapped boundary of 47MI180. The GPS location of the center of the new artifact locus is: Zone 16, 419118E, 4745326N. All three of the shovel test artifacts were contained within the plow zone. It became apparent that the artifact scatter was a surface and plowzone scatter which meant that the site did not retain contextual integrity. Therefore, the site will not meet the NRHP criteria of significance and there is no need to conduct a Phase II NRHP evaluation.

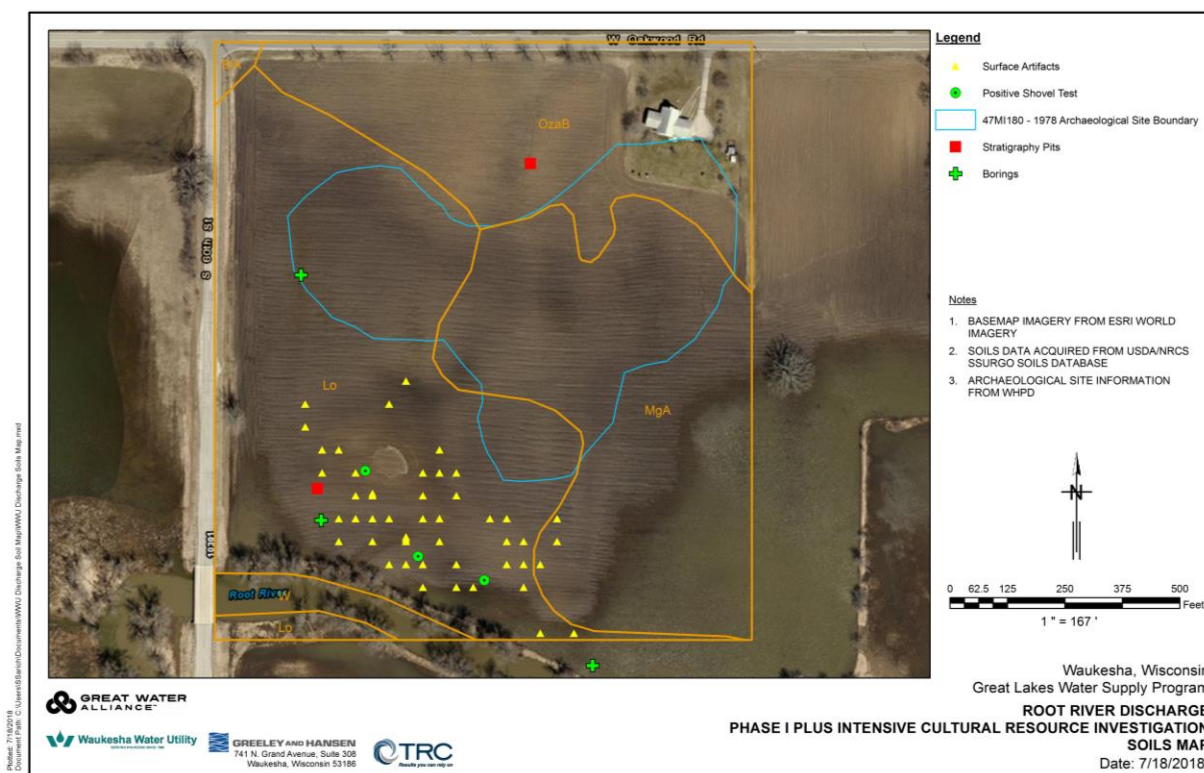


Figure 5-23 Surface & shovel test artifact distribution overlaid on soil map with 47MI180 outlined in blue. Soil type sources - Web Soil Survey (modified by TRC).

Table-5-3 Artifact Assemblage for the intensive Phase I+ archaeological survey of 47MI180

Location	Qty	Description
Surface	1	Raddatz projectile point
	1	projectile point tip
	3	stage III bifaces
	6	primary thinning flakes
	12	secondary thinning flakes
	31	tertiary thinning flakes
ST 1	1	tertiary thinning flake
ST 2	1	tertiary thinning flake
ST 3	1	tertiary thinning flake, thermally altered
TOTAL	57	



Figure 5-24 Middle to Late Archaic Madison Side notched projectile point found at 47MI180

The Web Soil Survey describes the soil type in the artifact find area as Lawson silt loam (Lo)⁴ which is characterized as “Prime farmland if protected from flooding or not frequently flooded during the growing season” (Web Soil Survey). A typical profile is:

- A1, A2 - 0 to 14 inches: silt loam
- Bg, Ab - 14 to 42 inches: silt loam
- C - 42 to 60 inches: stratified sandy loam to silty clay loam (Web Soil Survey 2017).
- The slope is 0 to 2 percent, the soil is somewhat poorly drained, and flooding is classified as frequent.

Two stratigraphy pits (strat pit) were excavated by TRC archaeologists within the project area to get a better understanding of soil stratigraphy. The main objective of the strat pit was to have a real time soil profile to compare with the Web Soil Survey profile. **Figure 5-25 Southern Stratigraphy Pit in Artifact Area** shows the soil profile for the southern pit which is within the 2017 artifact find area. The upper 20-25 centimeters (7.8– 9.8 inches) is described as dark brown sandy loam. The horizon immediately below, 20-45 centimeters (7.8 – 17.7 inches) was

⁴ Soil survey data may not contain detailed, site-specific information. The Web Soil Survey cannot replace site-specific onsite investigation; its purpose is to provide a general idea of what to expect at a site.

described as reddish brown silty loam. Immediately below the B horizon was a thin (5-centimeter) lens of dark reddish brown silty sand which overlay a base of yellow sand with pebbles beginning at about 55 centimeters (21.6 inches) below surface and extending to the base of the excavation at 100 centimeter (39.4 inches).

The stratigraphy pit profile is not wholly consistent with the Web Soil Survey description. The dissimilarity is mainly in the underlying base of sand and pebbles beginning 21 inches from the surface as opposed to an expected base of stratified sandy loam to silty clay loam. Since this area has been under cultivation for many years, at least before 1937 and probably much earlier, and because this area is prone to flooding nearly every year, the soil profile is not remarkable.

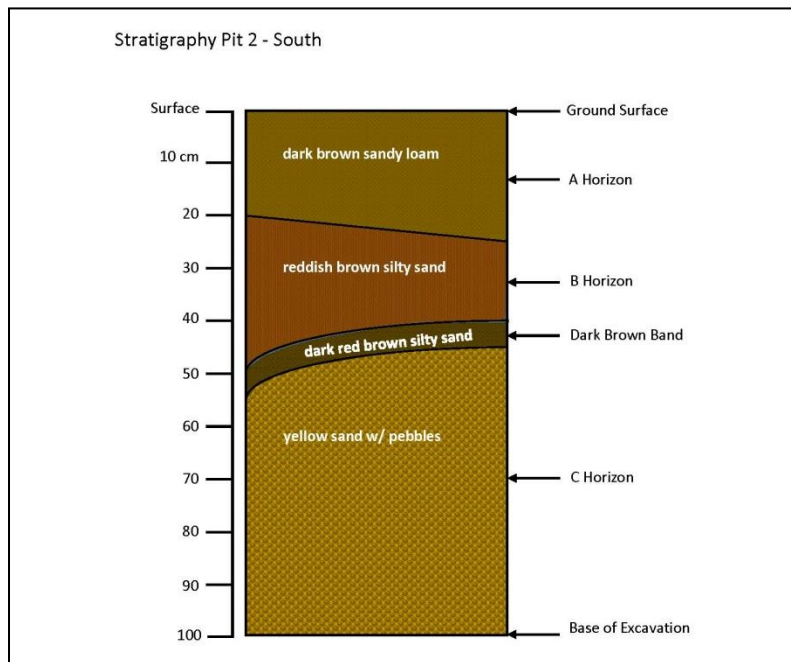


Figure 5-25 Southern Stratigraphy Pit in Artifact Area

The boring logs for that parcel, provided for the Great Water Alliance by GESTRA, were compared to the two stratigraphy pits that were hand excavated. The boring closest to the Phase I and Phase I+ collection of artifacts is RF-B-50. It is represented on **Figure 5-22** as a red square just north of the stratigraphy pit symbol.

The A_p horizon (plowzone), approximately surface to 25 centimeters (10 inches), was within the boring log-referenced topsoil. The B horizon of the stratigraphy pit, approximately 25-50 centimeters (10 -19 inches) is within the boring log-described "lean clay with sand, dark brown" (Boring Log RF-B-50). This is similar to the stratigraphy pit description for that level. The next stratigraphy pit level is a thin, probably discontinuous, lens of darker color which does not show in the boring log. Below that, the C horizon - ~50 – 100 centimeters (18 -39 inches), corresponds to the Boring Log description of "silty sand, orangish brown, wet, loose" (Boring Log RF-B-50). The boring log descriptions and the stratigraphic pit descriptions are, for the most part, similar.

Most of the artifacts found at the site are from the surface or plowzone. The few artifacts found in the shovel tests were within the plowzone. None of the remaining shovel tests, 323 in all, yielded an artifact. Shovel tests, surface collection, stratigraphy pit excavations, and the boring logs, all show that the artifacts are in the upper disturbed zone (plow zone) and the archaeological site does not retain integrity. Thus, it is most likely the case that what remains of the former archaeological site is completely within the plowzone and is not intact. Therefore, TRC does not

recommend additional archaeological work at this location since is not likely that the work would yield information important to history or prehistory.

5.8 Water Supply Control Building and the Water Supply Pumping Station

The Water Supply Control Building and the Water Supply Pumping Station is a mix of woods and fallow field associated with a transmission line. Shovel tests were dug at 15-meter intervals. Shovel tests profiles consisted of topsoil over gravel fill. This segment did not yield any artifacts or archaeological sites.

SECTION 6 Summary and Recommendations

The Waukesha Water Utility, with the assistance of Greeley and Hansen, plans to build a water supply and return system, the Great Water Alliance (Program), to bring water from Lake Michigan to Waukesha and to return the used water to Lake Michigan at the Return Flow Facilities and Outfall Site. The project will run through Waukesha and Milwaukee Counties, Wisconsin. A Phase I archaeological survey is required prior to construction to comply with Section 106 of the National Historic Preservation Act and the Procedures for the Protection of Historic and Cultural Properties (36CFR800), and for compliance with *Wis.Stats. §44.40* and *§157.70*. During March and April 2017, a TRC archaeologist conducted literature and archives research for the project. Between August 14, and November 2, 2017, a Phase I archaeological survey was conducted along the proposed routes. This report presents the results of the literature and archives research, including burial sites research, and the results of the Phase I archaeological survey.

At the beginning of the archaeological involvement in the Program, there were three alternate water utility routes between Waukesha and Oak Creek in Milwaukee County (Route Alternatives 2, 3, and 4). An additional route was added to the design (Route Alternative MKE) and Route Alternative 4 was excluded. The results of the literature and archives research for Route Alternatives 2, 3, and 4 are presented in an earlier tech memo; however, since Route Alternative 4 was excluded from the design plans prior to the Phase I archaeological survey, no field work was conducted along the part of the route outside of segments shared with other route alternatives. The Program design currently consists of three water utility routes that begin in Waukesha County and end in Milwaukee County (Route Alternatives 2, 3, and MKE) and four facility sites: Clean Water Plant and Return Flow Pumping Station, the Minooka Park Booster Pumping Station, the Return Flow Facilities and Outfall Site, and the Water Supply Control Building and the Water Supply Pumping Station.

The three proposed route alternatives traverse Waukesha, New Berlin, and Muskego Townships in Waukesha County, and Franklin and Oak Creek Townships in Milwaukee County. The Return Flow Pipeline and Water Supply Pipeline corridors consists of the proposed Return Flow Pipeline and Water Supply Pipeline alignment and a 50 foot right of way corridor. The Clean Water Plant and Return Flow Pumping Station is an existing plant with a newly proposed 1,500-foot corridor in Waukesha Township, Waukesha County. The Booster Pumping Station at Minooka Park is a 26-acre parcel in New Berlin Township, Waukesha County. The Return Flow Facilities and Outfall Site is a 78-acre parcel in Franklin Township, Milwaukee County, Wisconsin.

6.1 Return Flow Pipeline

Much of the Return Flow Pipeline will follow existing road corridors. In general, shovel test profiles in residential, commercial, and industrial developments showed disturbed soils, a result of road, utility and building construction. These segments have been scraped, leveled, graded, filled, bermed or landscaped. Along the Return Flow Pipeline corridor, four archaeological sites, eight burial sites, and 20 historical structures are overlapped by the proposed Return Flow Pipeline corridor.

Observation of and research into the Evangelical and Reformed Church of New Berlin Cemetery (BWK-0042) and the Town Cemetery (BWK-0043) determined that the latter was a duplicate record of the former. The TRC Principal Archaeologist described the results of research in an email to WHS for staff review and concurrence. They reviewed the email, concurred with the finding, and corrected the WHPD. The corrected location removes a non-existent cemetery (BWK-0043) from the record, and therefore, from the project area, and renumbers the existing cemetery (BWK-0042) in accordance with published material for the cemetery. The cemetery is on the northeast side of S.

Racine Avenue, the same side of the road as the proposed Return Flow Pipeline. The cemetery is well above and back from the corridor and will not be affected by the project. There is some possibility that WHS will require an on-site archaeological monitor during construction since the WHPD mapped boundary still goes to the road edge.

TRC's observation and additional research resolved that the Dutch Reformed Cemetery (BMI-0176) is outside of the Return Flow Pipeline alignment, but may be very close to the proposed 50-foot buffer. The Dutch Reformed Cemetery construction may require an on-site archaeological monitor during construction.

TRC's research resolved that BWK-0044 (Luther Parker Cemetery), and the BWK-0091 (Sittle Cemetery) were mis-mapped in the WHPD. Those problems, have been addressed by WHS staff, are now correctly mapped in the WHPD and are outside of the Return Flow Pipeline and the 50-foot buffer. Therefore, there should be no need for an on-site archaeological monitor during construction.

Site 47WK75/BWK-0271 (The Schaefer Burials Site), is a site of uncertain provenience. It is based on an old and vague report and the location is non-specific; therefore, the former land holdings of the owner referred to in the report are marked off in the WHPD as the site. The WHPD-mapped site is overlapped by the 50-foot buffer along Durham Drive south of the Muskego Recreation Trail. Phase I archaeological survey was conducted after a *Request to Disturb a Human Burial Site* Permit form was approved, but no finds were made. Disturbed soil profiles were expected and encountered because of decades of road, residential, and farm construction along that stretch of road. While the Phase I archaeological survey did not encounter any artifacts, it is still mapped as a burial site and is protected under *Wis. Stats §157.70*; therefore, any construction work within the WHPD-mapped boundary may require an on-site archaeological monitor during construction within the WHPD-mapped site boundary. A permit will be required for work within the boundary of the site. Since the permit obtained to conduct the archaeological survey within the boundary of the archaeological site will have expired by construction time, the permit will require renewal or reapplication prior to construction.

The Return Flow Pipeline overlaps the eastern edge of archaeological site 47MI3 and is adjacent to 47MI6 (MI6 is across the road), and the southern edge of 47MI177. These sites were not relocated during the Phase I survey and no additional archaeological work is recommended. The survey of 47WK519 (Pellman Cornfield Site)/Return Flow Pipeline corridor overlap did not discover any artifacts and showed the area was disturbed by road construction. The main part of the site, as mapped in the WHPD, is west of the Return Flow Pipeline alignment and 50-foot buffer and construction is not likely to affect an archaeological site. Therefore, no additional archaeological work is recommended at that location.

Although they are still in the WHPD, historical structures AHI ID #8715 and #8291 were demolished prior to 2012 and #8283 was a ruin in 1979 and may be outside the 50-foot buffer. Therefore, these structures are of no concern to the Project. The house (AHI ID #108177) is outside of the Return Flow Pipeline alignment and 50-foot buffer and no additional cultural resource investigation is recommended for that location. House AHI ID #8285 is within 20 feet of the alignment, but does not appear to retain historical integrity; no additional investigation is recommended. Historical structures AHI ID #8278 and 8286 are overlapped by the Return Flow Pipeline 50-foot buffer, but the structures will not be affected by construction.

The town hall (AHI ID #108179) is within 40 feet of the Return Flow Pipeline alignment. A Phase I survey of parking lots around the structure showed excessive soil disturbance, but the structure appears to be in good condition. The WHPD AHI record provides no comment on the significance of the structure which was examined in 1994 and again

in 2017 by another architectural survey. Therefore, we conclude that the structure is not considered significant in terms of NRHP criteria.

The structure AHI ID #8271 now houses a business called The Gingerbread House. The well-maintained house is about 45 feet east of the Return Flow Pipeline. According to the WHPD, the survey was done in 1980, but there has been no further interest in the building based on the NRHP tab on the WHPD. It appears to be of no historical significance and we do not recommend an architectural history evaluation of the structure.

A shed associated with house AHI ID #8284 is within 10 feet of the Return Flow Pipeline alignment (based on the web map) and the house is within the 50-foot buffer. The entire farmstead appears to be well maintained with little modification to the original structures. TRC recommends that the farmstead be evaluated for NRHP significance by an architectural historian.

Site 47WK612/BWK-0102 (Klein Burial Site), as reported in the WHPD, is on the opposite side of the road from the Return Flow Pipeline alignment and is only partly overlapped by the 50-foot buffer. Two archaeological surveys were conducted along highways that run through the reported site area, neither of which relocated the burial. Both surveys concluded that the burial does not exist within the CTH ES or CTH Y right-of-way (Rusch and Smith 1993; Harvey and Epstein 2008). It is TRC's assessment that no additional archaeological investigation is needed at this location.

The Return Flow Pipeline corridor overlaps both the southern and eastern boundaries of the BWK-0039 (Sunnyside Cemetery) as mapped in the WHPD. Survey of the southern boundary consisted of several field visits to the site, one accompanied by the cemetery sextants, noted that the planned Return Flow Pipeline will be placed between the I-43 to westbound exit ramp to S. Racine Avenue and a deep concrete drainage ditch that is south of the southern cemetery boundary. The Return Flow Pipeline runs along the road prism which is a steep slope approximately 20 feet high. There are headstones north of and within a few inches of the present-day fence that bounds the south side of the cemetery. South of that fence is the aforementioned drainage ditch and south of the drainage ditch is the toe slope of the westbound I-43 off ramp. The sextants said that the burials along the south fence of the cemetery are the most recent (engravings on the gravestones confirm that) and that there are no burials south of the fence. The oldest burials are at the top of the hill, farther from the route. Given the information provided herein, it is TRC's assessment that a southern boundary of the burial site will not be affected by the project as long as there is no ground disturbance north of the drainage ditch that parallels the westbound I-43 off ramp at CTH Y. A construction plan for that area should be provided to the WHS to confirm that will be the case.

The S. Racine Ct. Easement Alternative overlaps part of the cemetery. The apparent eastern limit of the ca. 1841 Sunnyside Cemetery is immediately adjacent to S. Racine Ct., the latter being separated from the cemetery hill by a concrete lined ditch on the east side of the cemetery. S. Racine Ct. was cut through the eastern edge of the cemetery hill although we have found no documentation for the date of that build. If it did cut through an unmarked part of the cemetery, then any graves that might have been there at that time are no longer there. The ground on the east side of S. Racine Ct. is off the cemetery hill, low and intermittently wet so it is unlikely that the cemetery extended that far to the east. Because the Project easement is so close to the cemetery, and because Sunnyside Cemetery is protected under *Wis. Stats §157.70*, TRC recommends that the cemetery be avoided to the extent possible by limiting construction to the east side of S. Racine Ct. Even then, WHS may require a burial-qualified archaeological monitor at that location during construction. Consultation with the WHS will take 30-90 days before an authorization can be given to work in a burial site.

No new archaeological sites or historical structures were discovered in the survey of the Return Flow Pipeline, therefore, no additional cultural resources investigation is recommended for that route.

6.2 Former Route Alternative 2 and 3 Southern Segment

The sites covered in this section are no longer part of the route now known as the Return Flow Pipeline.

TRC's field observation of the Painesville Chapel (AHI ID #8711) and Painesville Cemetery (BMI-0065) noted that both the chapel and cemetery are on the opposite side of the road from the Return Flow Pipeline alignment; however, a narrow segment of the site is overlapped by the 50-foot buffer.

Shovel tests in the Return Flow Pipeline corridor/Trost Site (47MI392) overlap space showed that this part of the archaeological site was disturbed by industrial and commercial development. No artifacts or archaeological sites were found; thus, the site was not relocated. No additional archaeological work is recommended for this location.

Structures AHI ID #8713, 8714 (Riverside School), 108169 (Giese Farm House), and 108173 were demolished between 2004 and 2010 and no additional cultural resources investigation is recommended. TRC's field observation of AHI ID #8716 (Buckhorn Tavern) and the well (AHI ID #7936) noted that these structures were outside of the proposed Return Flow Pipeline corridor and would not have been affected by the Program.

No new archaeological sites or historical structures were identified along the remainder of Route Alternative 2 and no additional cultural resources investigations are recommended.

6.3 Former Route Alternative MKE

Most Route Alternative MKE was along existing roads. Shovel tests in residential, commercial, and industrial areas showed mixed soils indicative of various construction activities over the years, i.e., leveling, grading, cutting, filling, utility construction. Two archaeological sites and three historical structures are overlapped by the alignment or the 50-foot buffer.

TRC's survey of 47WK483 and a part of 47MI143 that were overlapped by the Route Alternative MKE corridor showed that those parts of the two archaeological sites were disturbed by construction. The sites were not relocated, and no additional archeological work is recommended at those locations.

The Masonic Temple (AHI ID # 8778) and the shed (AHI ID#230031) are outside of the proposed Route Alternative MKE corridor and no additional cultural resources investigation is recommended at those locations.

TRC's observation of the Schmitz-Toelle Farmhouse (AHI ID #11909) noted that it appeared to be in good condition with some modifications to the back porch. A 2008 survey suggested the structure might be "potentially eligible" for the NRHP.

No archaeological sites or historical structures were discovered by this survey along the rest of Route Alternative MKE Corridor. Since this route is not part of the final design for the Program, there is no need for additional investigation of this route.

6.4 Water Supply Pipeline

Between May 1 and June 6, 2018, a Phase I Archaeological Survey was conducted along the proposed Water Supply Pipeline route. The 10.7-mile Water Supply Pipeline route consisted of residential, commercial, and industrial developments which shovel tests showed to contain heavily disturbed soils, a result of road, utility and building construction. These segments had been scraped, leveled, graded, filled, bermed or landscaped. No artifacts or archaeological sites were discovered during the survey.

The St. Matthias Cemetery (BMI-0038) is protected under *Wis. Stats §157.70*. A field visit to the cemetery noted that it is within 50 feet of the pipeline alignment. TRC recommends that the pipeline route be revised to follow the opposite side of the street. If the pipeline cannot be redesigned, additional consultation with the SHPO and an archaeological monitor will be required during construction within the site area.

A field visit to structure AHI ID #8328 noted that the house appeared to be in good condition although aerial photographs from 1980 - 1990 showed an addition at the west wall which wraps around to the north (back) wall. The Water Supply Pipeline route is on the same side of W. National Avenue as the house with the Water Supply Pipeline route between the sidewalk and the road, areas that are already disturbed by construction and which may also hold underground utilities. The TRC Principal Archaeologist interviewed the owner of the house and obtained sufficient information to determine that the house does not retain sufficient integrity to meet NRHP criteria for significance.

No archaeological sites or historical structures other than those reported in the literature and archives research were discovered during the Water Supply Pipeline survey. It is TRC's assessment that no additional archaeological work is needed for the Water Supply Pipeline corridor.

6.5 Clean Water Plant and Return Flow Pumping Station

The Clean Water Plant and Return Flow Pumping Station is at an existing water reclamation plant and consists of 1,500 feet of the proposed pipeline route that enters that facility site and wraps around the north side of the existing buildings, ending in the southwestern part of the facility site. Shovel tests encountered heavily disturbed soils mixed with gravel fill. This area has been disturbed by leveling and filling and building and facilities construction. No additional archaeological work is recommended at this location.

6.6 Booster Pumping Station

The Booster Pumping Station is 26 acres of woods and agricultural fields. Shovel testing and surface collection discovered two new sites, 47WK648 and 47WK649. 47WK648 is an isolated projectile point while 47WK649 is a scatter of historical artifacts probably associated with a demolished outbuilding. These sites are not thought to be significant in terms of NRHP criteria because additional archaeological work is not likely to yield information important to prehistory or history. No additional archeological work is recommended at this facility site.

6.7 Return Flow Facilities and Outfall Site

The Return Flow Facilities and Outfall Site is 78 acres of woods, fallow and cultivated fields, marsh, and a small pond. The parcel overlaps two archaeological sites, 47MI180 and 47MI241. TRC's field survey of the facility parcel found one projectile point which was assigned site number 47MI559 by the OSA; the site does not require any additional archaeological investigation. It is probably a lost projectile. A new artifact scatter adjacent to the

previously reported archaeological site 47MI180, was found south of the WHPD-mapped version of 47MI180, but did not find any artifacts within the mapped area. The discovery of a dense lithic scatter south of the WHPD-mapped site boundary, and none inside the boundary of the previously reported site, necessitated a reassessment of the original find and a more thorough, close interval survey to determine an updated boundary for the archaeological site. Upon completion of the Phase I+ survey, TRC's new assessment is that what remained of the archaeological site is south of and smaller than the originally reported site. The artifacts are wholly contained within the plowzone and the archaeological site does not retain cultural integrity. The outcome of the Phase I+ survey was a determination that additional archaeological work at this location is not likely to yield information important to prehistory or history; therefore, there is no need to conduct a Phase II NRHP evaluation.

The northern limit of the WHPD-mapped 47MI241 is overlapped by the Return Flow Facilities and Outfall Site parcel. Shovel tests there noted that the area had been disturbed by construction of a transmission line. No artifacts were noted, and no additional archaeological work is recommended for this location.

6.8 Water Supply Control Building and the Water Supply Pumping Station

The Water Supply Control Building and the Water Supply Pumping Station consists of 250 feet of the proposed pipeline route leading to the Water Supply Control Building. Shovel tests encountered heavily disturbed with a top soil over gravel fill. This area has been disturbed by leveling and filling and the installation of a transmission line. No additional archaeological work is recommended at this location.

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Appendix 1: Archaeological Resources Tables



**APPENDIX 1: ARCHAEOLOGICAL RESOURCES
TABLES**

Table Appendix - 1

Return Flow Pipeline Route Archaeological Resources.

Archaeological Sites that Overlap the Common Route Corridor							
Site Number	Burial Site Number	Name	Eligibility	NRHP Reference	Site Type	Culture Affiliation	Recommendations
47MI3			undetermined		campsite/village	unknown	no further work
47MI6			undetermined		corn hills/ garden beds	unknown	no further work
47MI177			undetermined		campsite/village	prehistoric	no further work
47WK75	BWK-0271	Schaefer Burials	Protected under Wis. Stats §157.70		cemetery/burial; campsite/village	Historic Indian; Woodland	archaeological monitor during construction
47WK519		Pellman Cornfield Site	undetermined		corn hills/garden beds	Historic Indian	no further work in Program overlap
47WK612	BWK-0102	Cline (Klein) Burial	Protected under Wis. Stats §157.70		cemetery/burial	Euro-American	redesign to avoid or archaeological monitor during construction
	BMI-0176	Dutch Reformed Cemetery	Protected under Wis. Stats §157.70		cemetery/burial	Euro-American	redesign to avoid or archaeological monitor during construction
	BMI-0039	Sunnyside Cemetery	Protected under Wis. Stats §157.70		cemetery/burial	Euro-American	no further work
	BWK-0042	Evangelical and Reformed Church of New Berlin Cemetery	Protected under Wis. Stats §157.70		cemetery/burial	Euro-American	no further work
	BWK-0043	Town Cemetery	Protected under Wis. Stats §157.70		cemetery/burial	Euro-American	no further work
	BWK-0044	Luther Parker Cemetery	Protected under Wis. Stats §157.70		cemetery/burial	Euro-American	redesign to avoid or archaeological monitor during construction
	BWK-0091	Sittle Cemetery	Protected under Wis. Stats §157.70		cemetery/burial	Euro-American	no further work

**APPENDIX 1: ARCHAEOLOGICAL RESOURCES
TABLES**

Table Appendix - 2

Route Alternative 2 and 3 Archaeological Resources.

Archaeological Sites that Overlap the Route Alternative 2 Corridor							
Site Number	Burial Site Number	Name	Eligibility	NRHP Reference	Site Type	Culture Affiliation	Recommendations
47MI392		Trost	undetermined		campsite/village	unknown prehistoric	This Route is no longer part of the proposed Program
	BMI-0065	Painesville Cemetery	Protected under Wis. Stats §157.70	77000039	cemetery/burial	Euro-American	

Table Appendix - 3

Route Alternative 3 Archaeological Resources.

Archaeological Sites that Overlap the Route Alternative 3 Corridor							
Site Number	Burial Site Number	Name	Eligibility	NRHP Reference	Site Type	Culture Affiliation	Recommendations
47MI392		Trost	undetermined		campsite/village	unknown prehistoric	This Route is no longer part of the proposed Program
	BMI-0065	Painesville Cemetery	Protected under Wis. Stats §157.70	77000039	cemetery/burial	Euro-American	

Table Appendix - 4

Route Alternative MKE Archaeological Resources.

Archaeological Sites that Overlap the Route Alternative MKE Corridor							
Site Number	Burial Site Number	Name	Eligibility	NRHP Reference	Site Type	Culture Affiliation	Recommendations
47MI143			undetermined		campsite/village	unknown prehistoric	This Route is no longer part of the proposed Program
47WK483		Susnar	undetermined		campsite/village	unknown prehistoric	

Table Appendix - 5

Water Supply Pipeline Route Archaeological Resources.

Archaeological Sites that Overlap the Water Supply Pipeline Route							
Site Number	Burial Site Number	Name	Eligibility	NRHP Reference	Site Type	Culture Affiliation	Recommendations
	BMI-0038	St. Matthias Cemetery	Protected under Wis. Stats §157.70		cemetery/burial	Euro-American	redesign to avoid or archaeological monitor during construction

**APPENDIX 1: ARCHAEOLOGICAL RESOURCES
TABLES**

Table Appendix - 6

Booster Pumping Station Site Archaeological Resources.

Archaeological Sites that Overlap the Minooka Park Facility Site							
Site Number	Burial Site Number	Name	Eligibility	NRHP Reference	Site Type	Culture Affiliation	Recommendations
47WK648		Buckaroo	not eligible		isolated find	Late Archaic	no further work
47WK649		Bonzai	not eligible		historic scatter	late 19 th century Euro-American	no further work

Table Appendix - 7

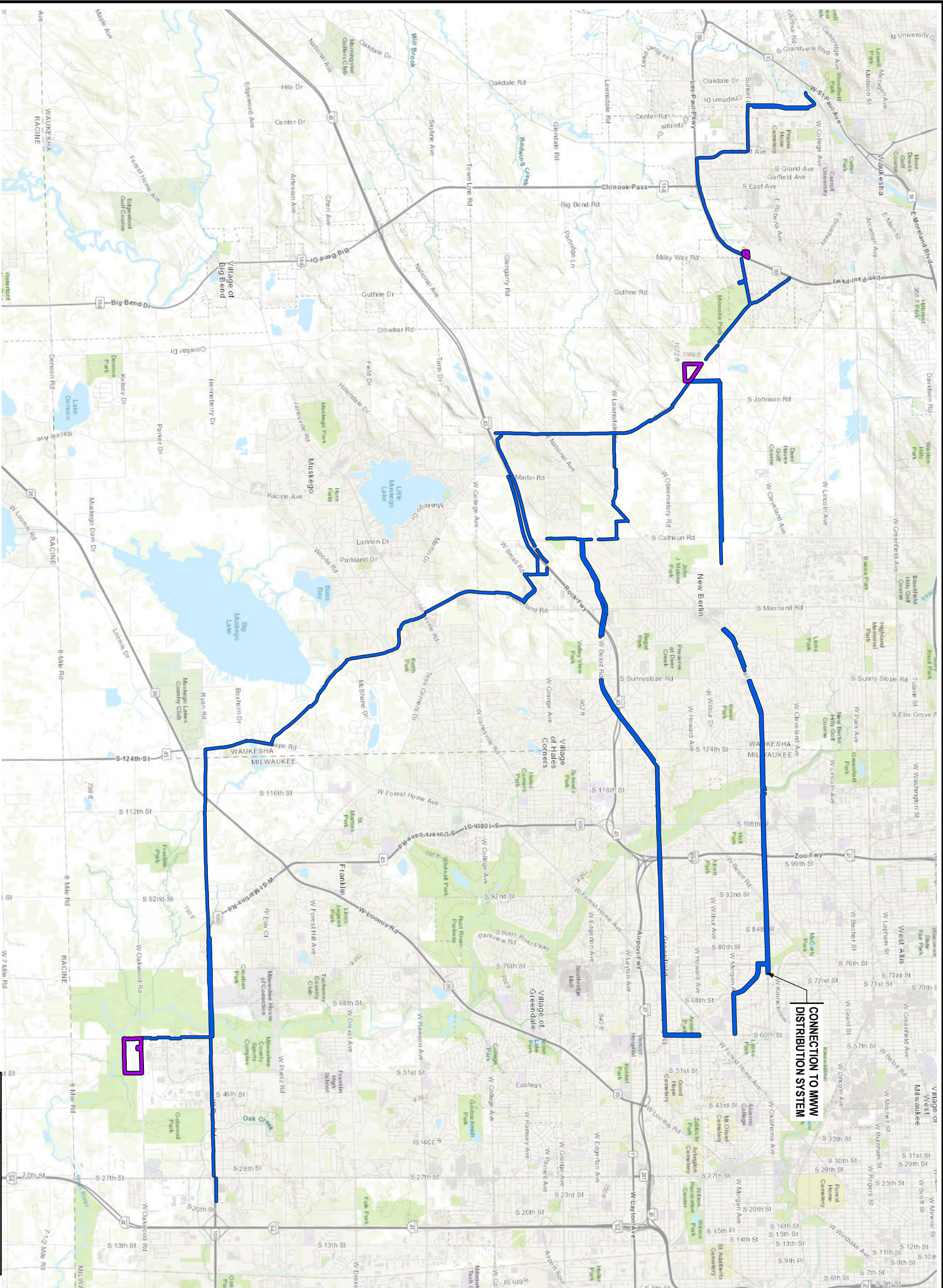
Return Flow Facilities and Outfall Site Archaeological Resources.

Archaeological Sites that Overlap the Root River Discharge Facility Site							
Site Number	Burial Site Number	Name	Eligibility	NRHP Reference	Site Type	Culture Affiliation	Recommendations
47MI180			not eligible		campsite/village	unknown prehistoric	no further work
47MI241			undetermined		campsite/village	unknown prehistoric	no further work in Program overlap
47MI559		Gyuro	not eligible		isolated find	Late Archaic, Early Woodland, Middle Woodland, Late Woodland	no further work



Appendix 2: Figures



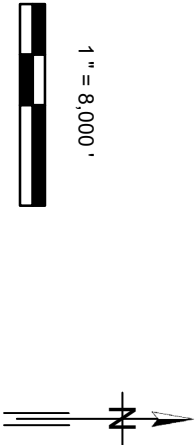


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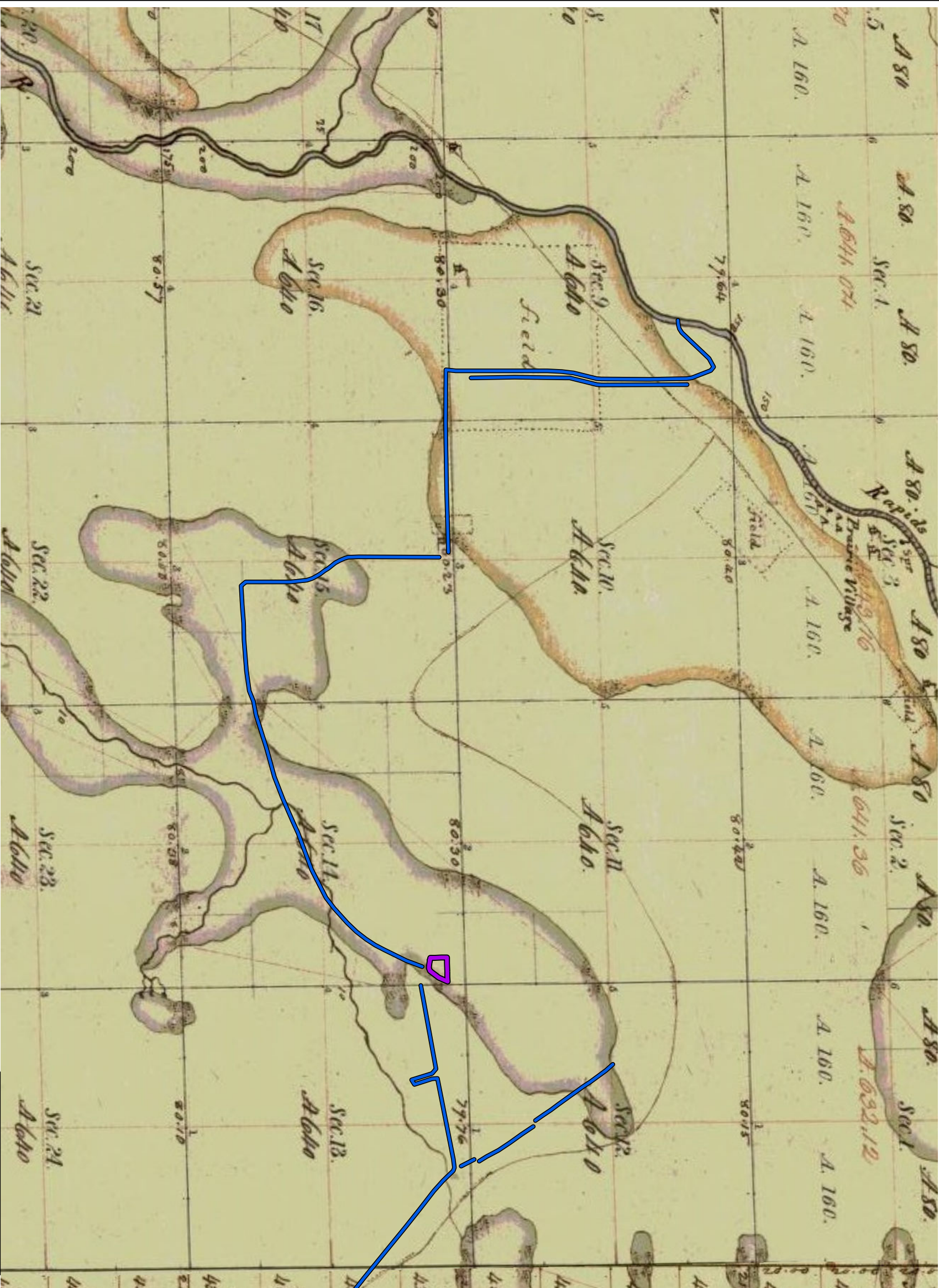
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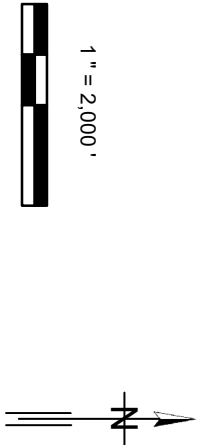
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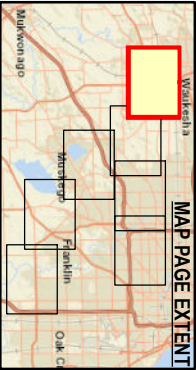
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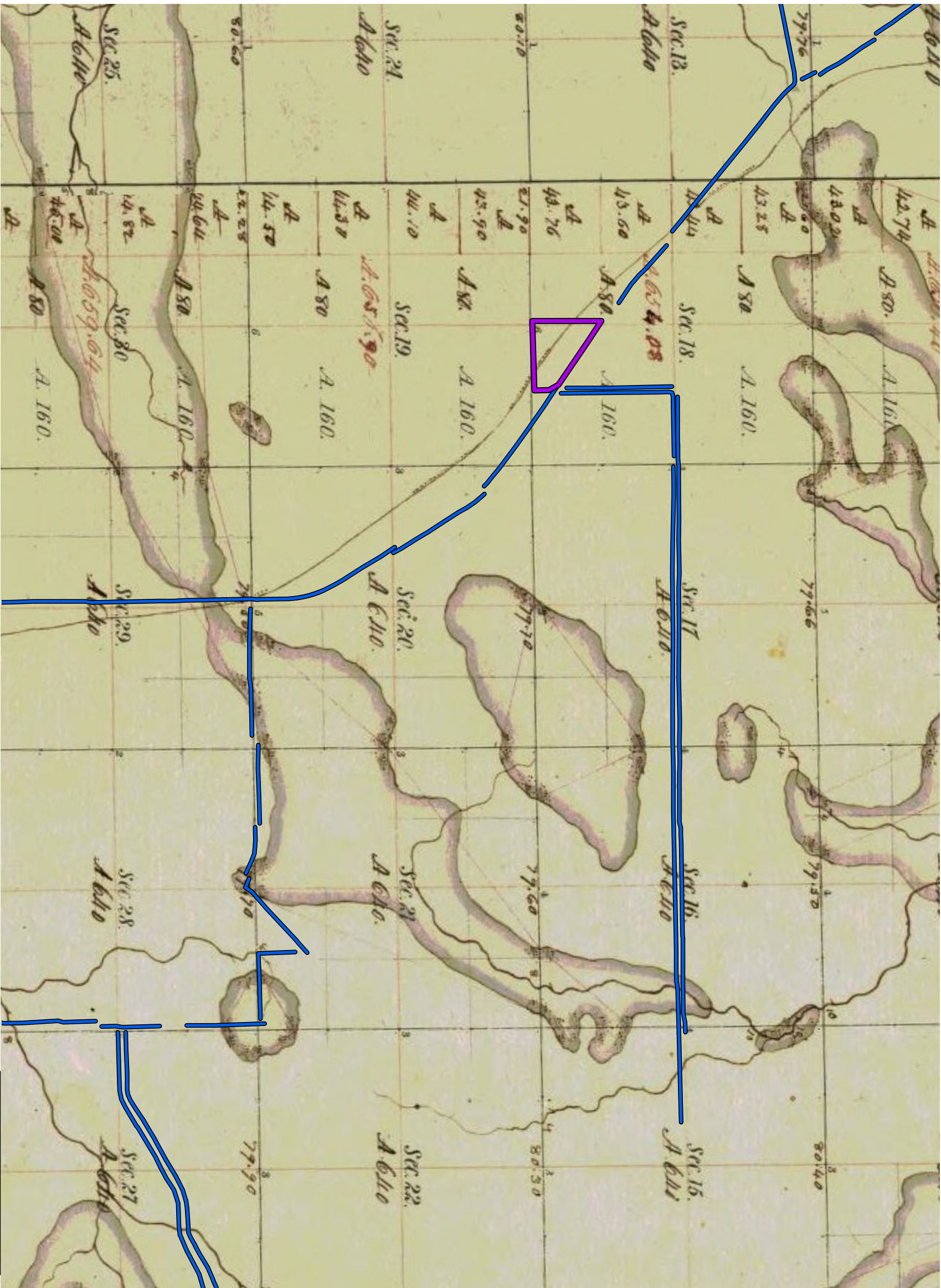
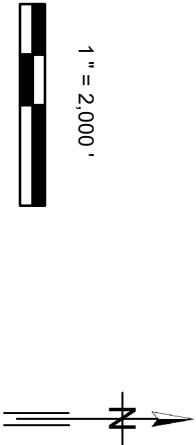


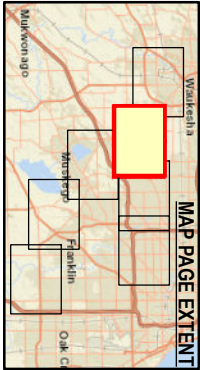
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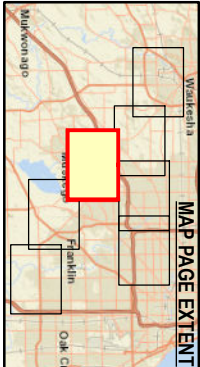


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SHEET 4 OF 7

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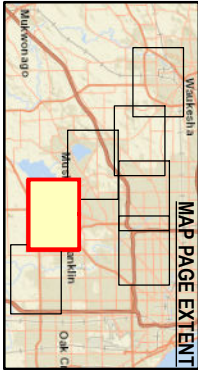
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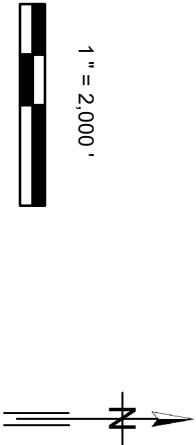
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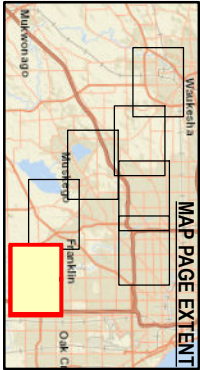
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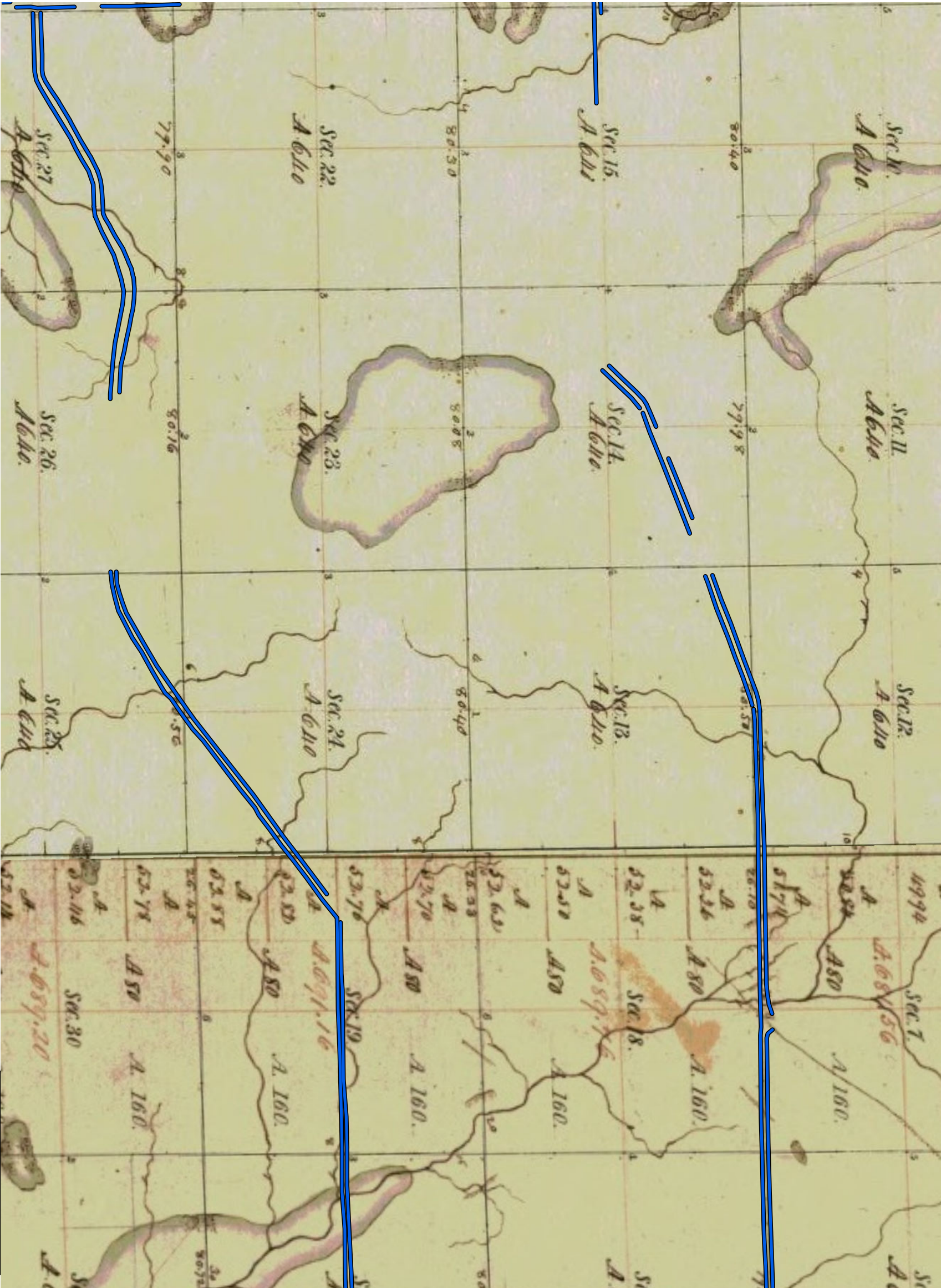
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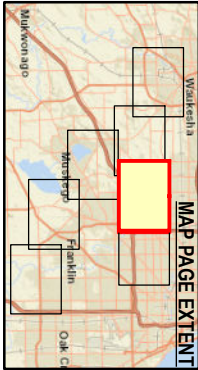
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EXHIBIT A
SHEET 6 OF 7

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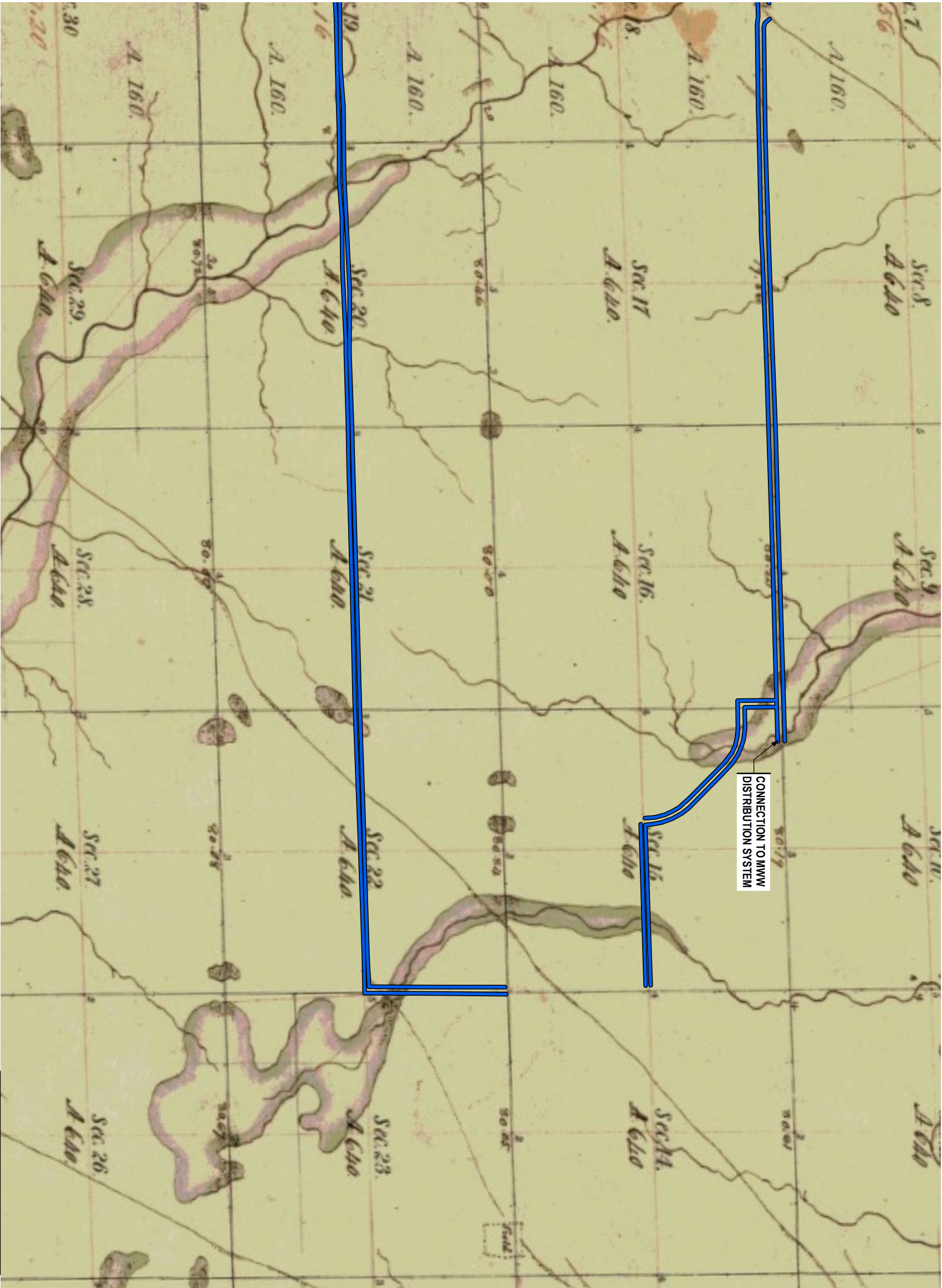
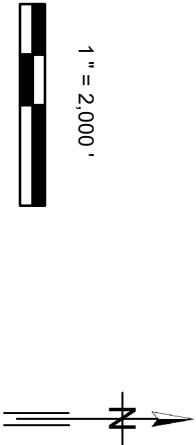


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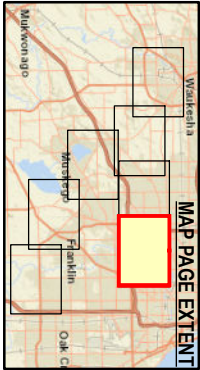
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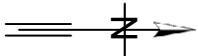
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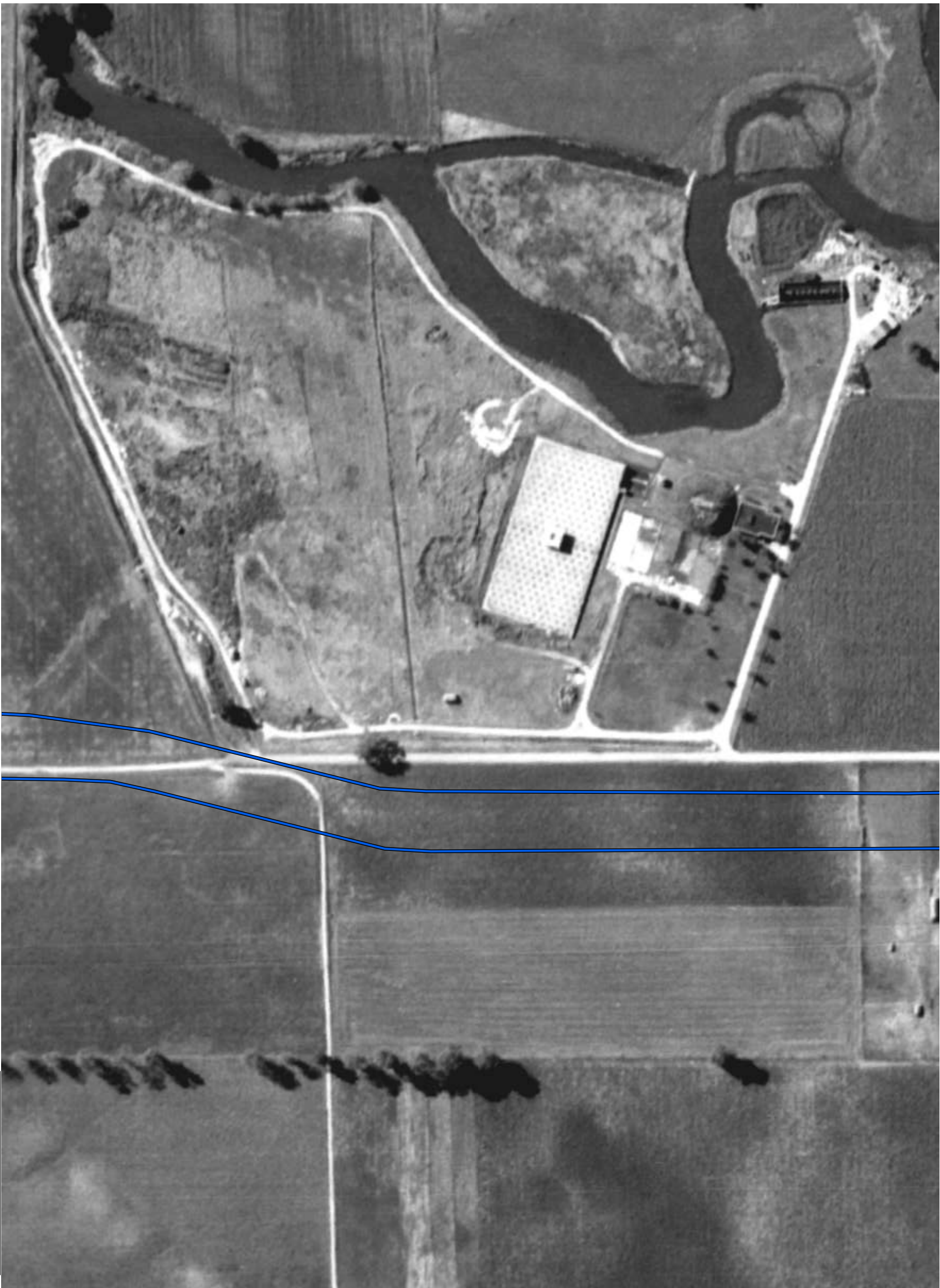
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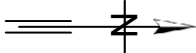
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SURVEY HISTORICAL IMAGERY

Date: 4/25/2019

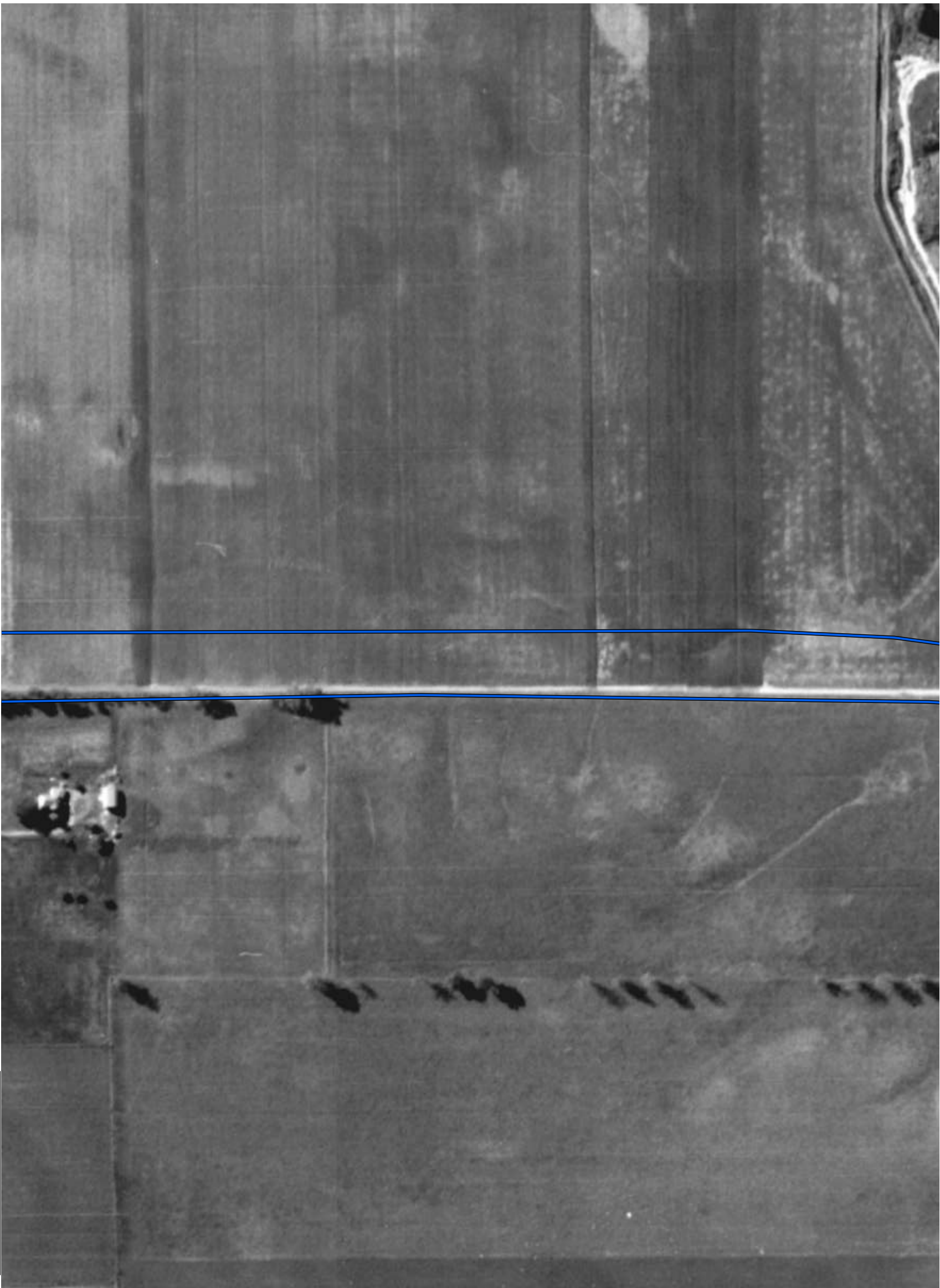


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LEGEND

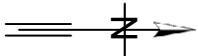
 SURVEY CORRIDOR



NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019





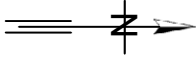
EXHIBIT A
SHEET 4 OF 118

SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL

SURVEY HISTORICAL IMAGERY

Date: 4/25/2019



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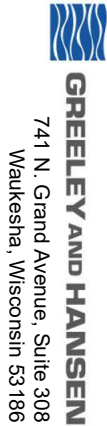
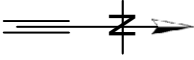
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 SURVEY CORRIDOR

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1" = 200'



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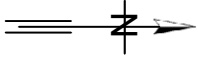
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 SURVEY CORRIDOR

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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019



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LEGEND

EXHIBIT A

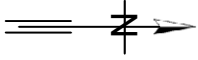
SHEET 7 OF 118

SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**

Date: 4/25/2019



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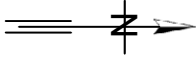
EXHIBIT A
SHEET 8 OF 118

 SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



LEGEND

EXHIBIT A

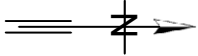
SHEET 9 OF 118

SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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1" = 200'

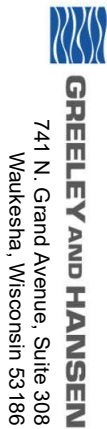


Waukesha, Wisconsin

Great Lakes Water Supply Program

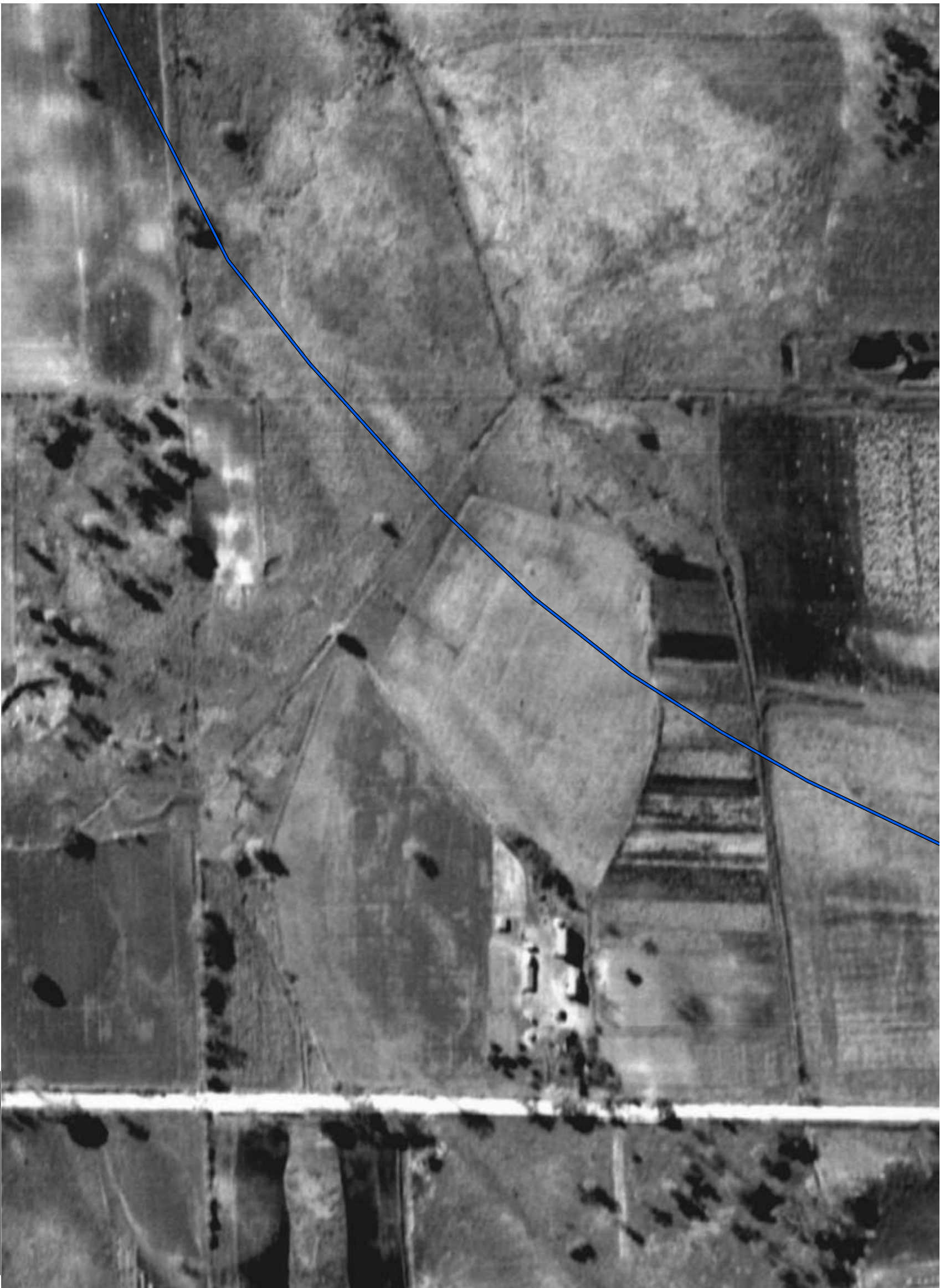
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**

Date: 4/25/2019



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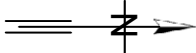
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 SURVEY CORRIDOR

NOTES

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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019

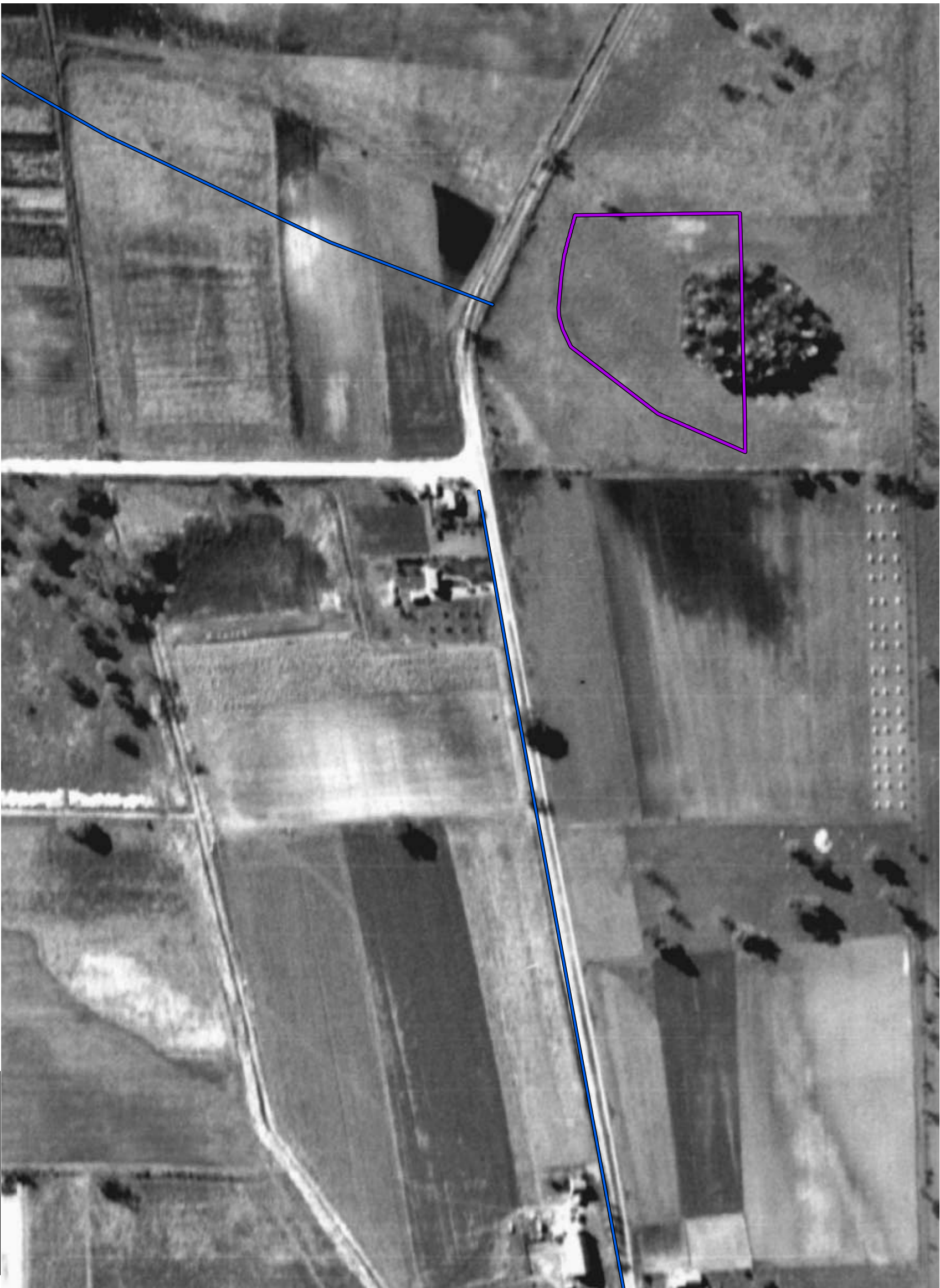





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- LEGEND**
-  SURVEY CORRIDOR
 -  SURVEY PARCEL

NOTES

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Date: 4/25/2019

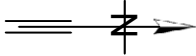


 SURVEY CORRIDOR

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1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
Date: 4/25/2019



LEGEND

EXHIBIT A

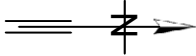
SHEET 13 OF 118

SURVEY CORRIDOR

NOTES

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1" = 200'



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SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



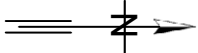
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SURVEY CORRIDOR

NOTES

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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019

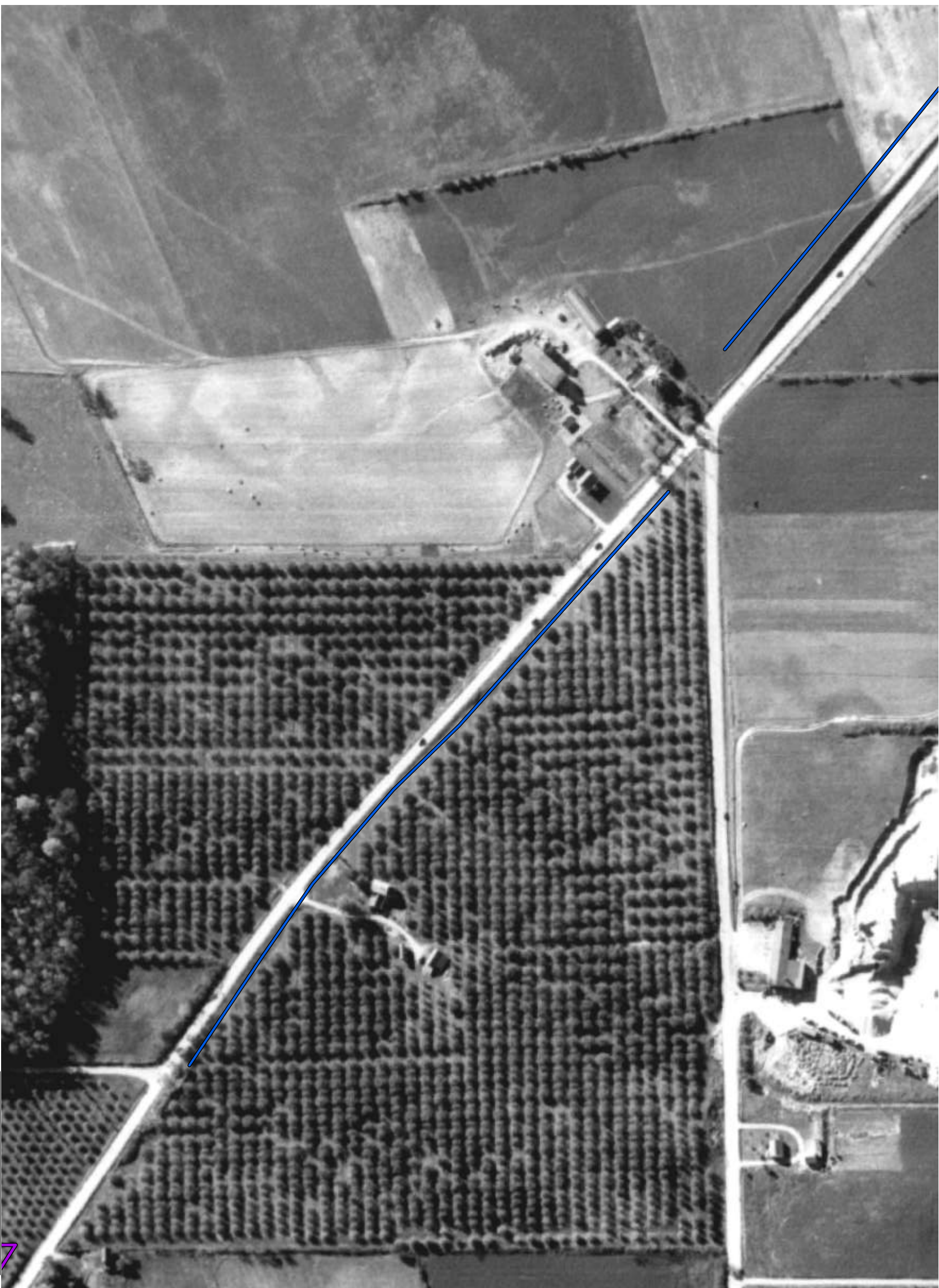


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- LEGEND**
- SURVEY CORRIDOR
 - SURVEY PARCEL

NOTES

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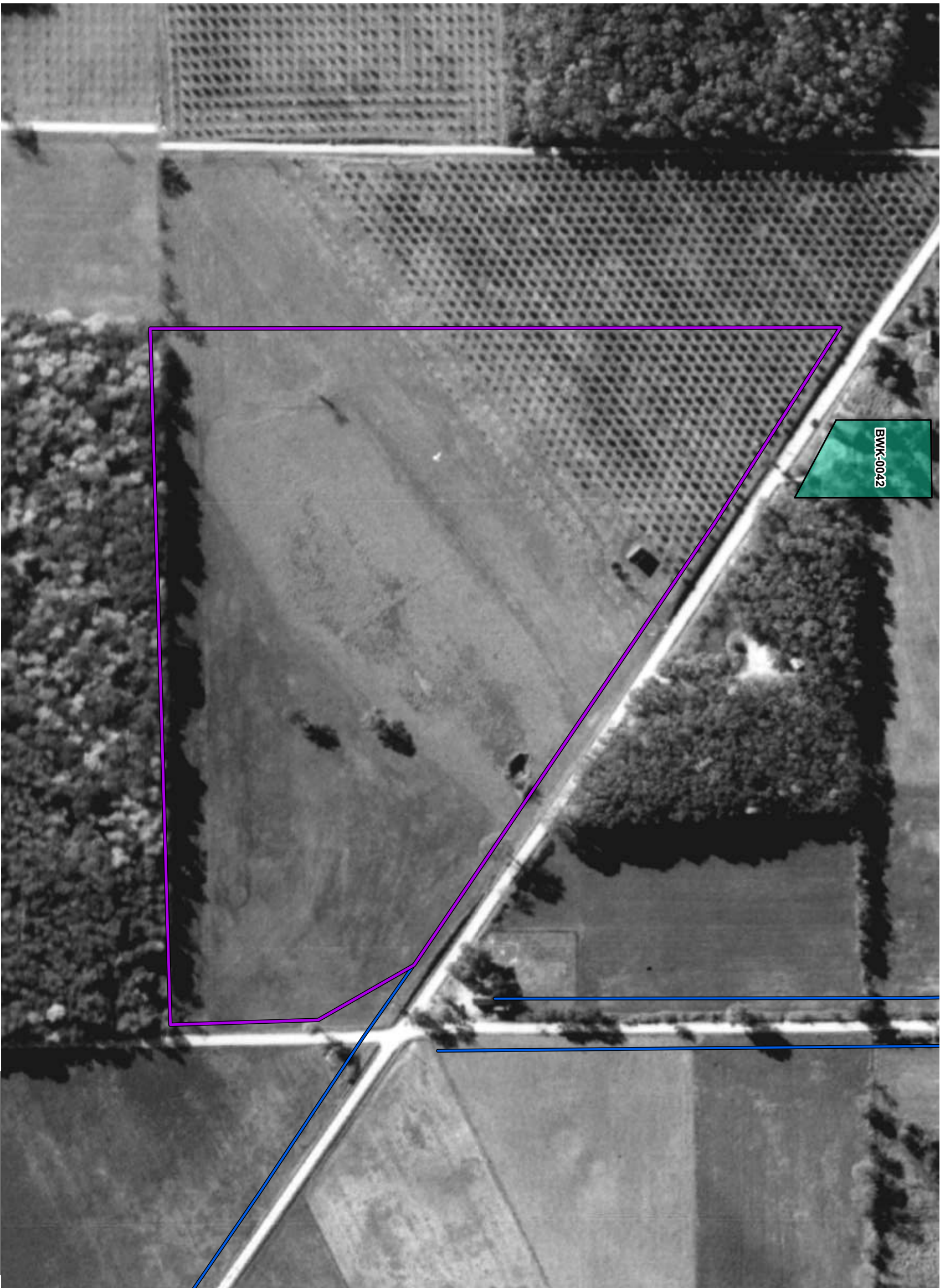
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Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019

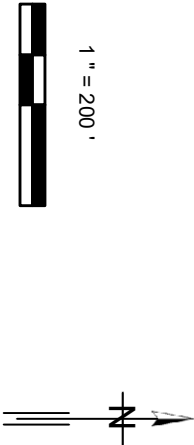


- LEGEND**
- SURVEY CORRIDOR
 - SURVEY PARCEL
 - CEMETERY

EXHIBIT A
SHEET 16 OF 118

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.



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**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



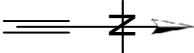
LEGEND

-  SURVEY CORRIDOR
-  CEMETERY

NOTES

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1" = 200'



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Date: 4/25/2019

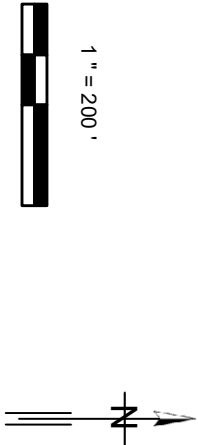


EXHIBIT A
SHEET 18 OF 118

- LEGEND**
-  SURVEY CORRIDOR
 -  CEMETERY

NOTES

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**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



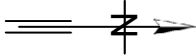
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SURVEY CORRIDOR

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Waukesha, Wisconsin

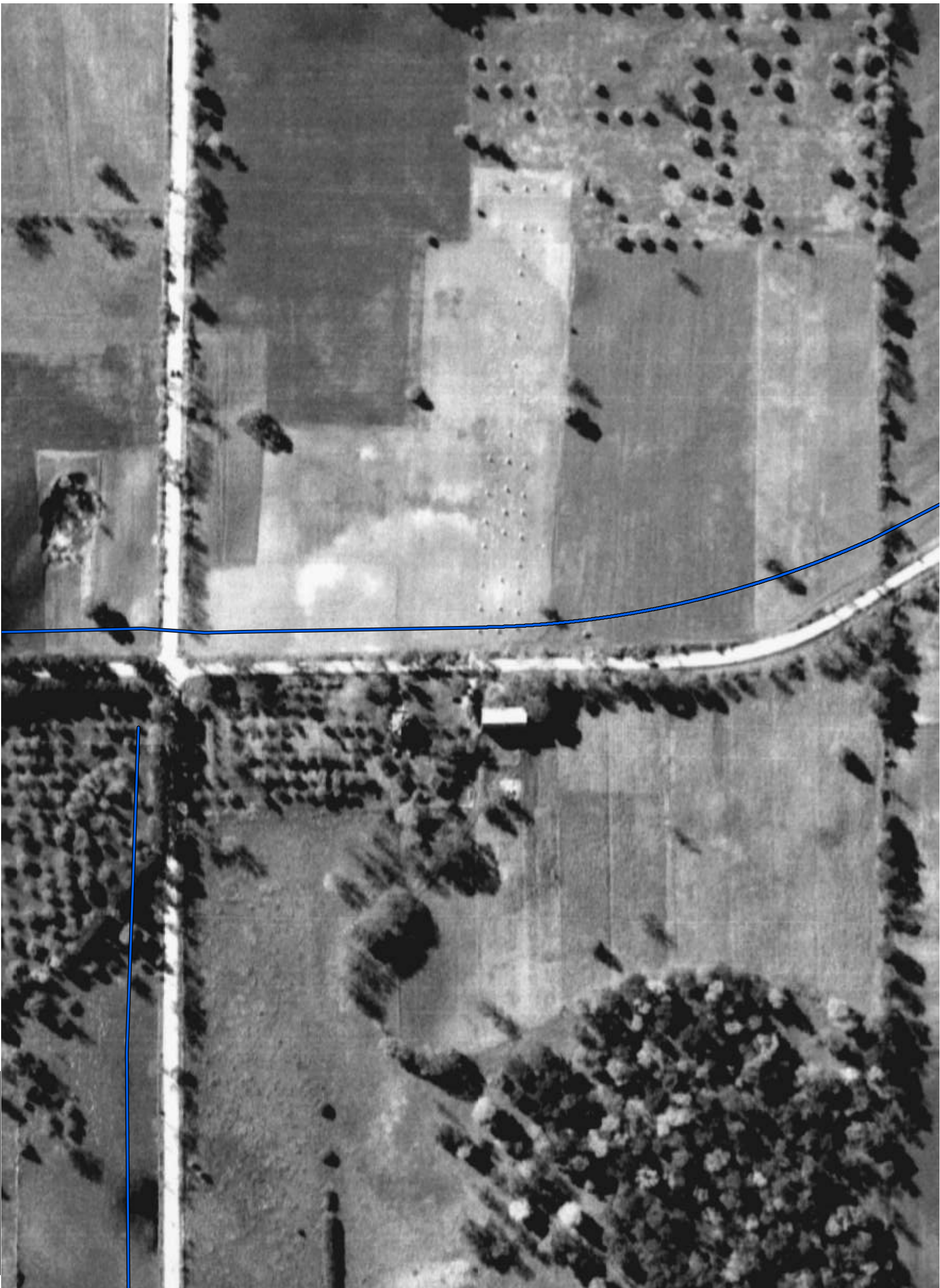
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
Date: 4/25/2019



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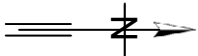
LEGEND

SURVEY CORRIDOR

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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
Date: 4/25/2019



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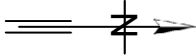
LEGEND

 SURVEY CORRIDOR

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Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019

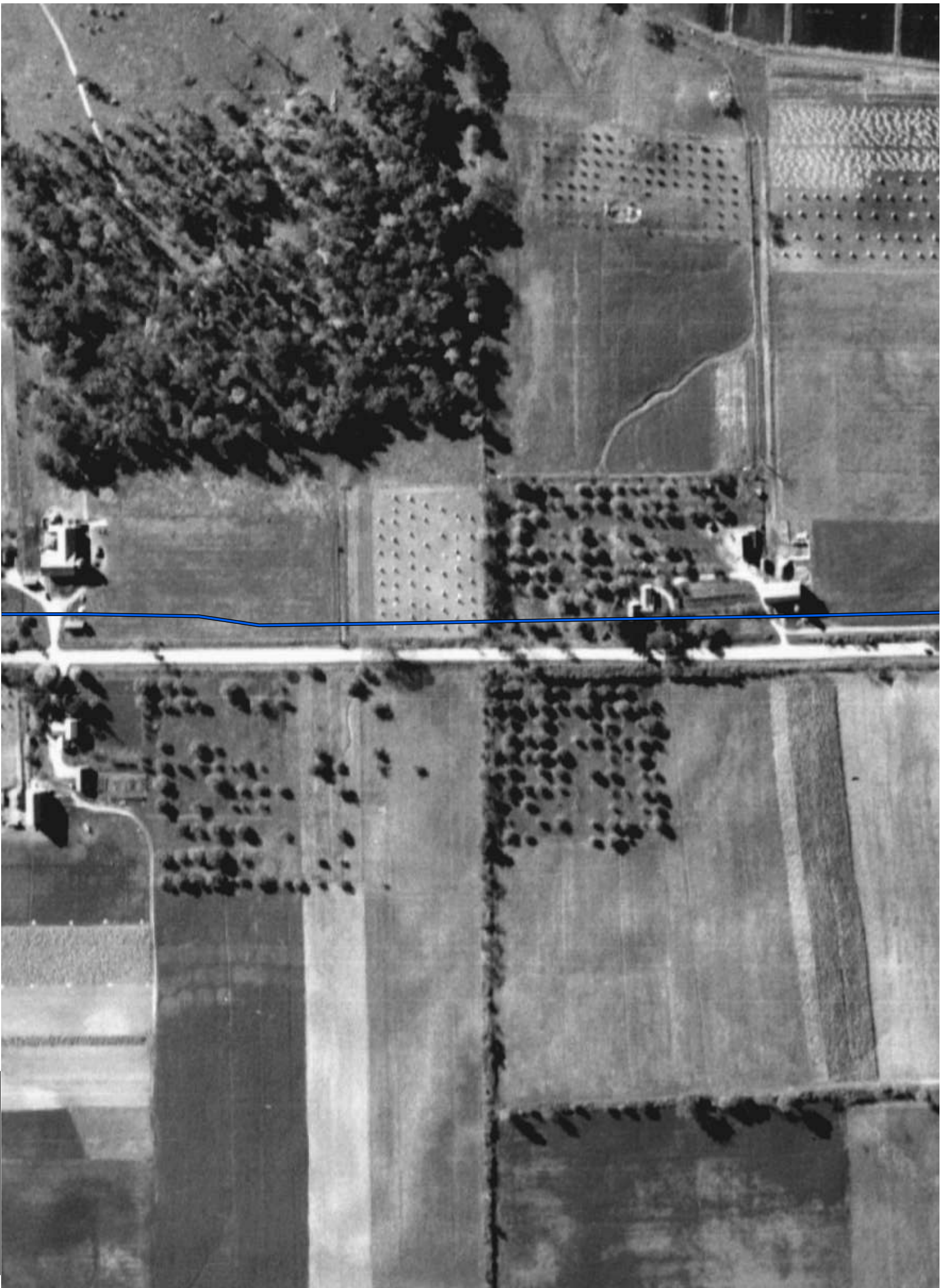



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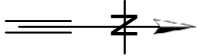
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SURVEY CORRIDOR

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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019



SERVING WAUKESHA SINCE 1886



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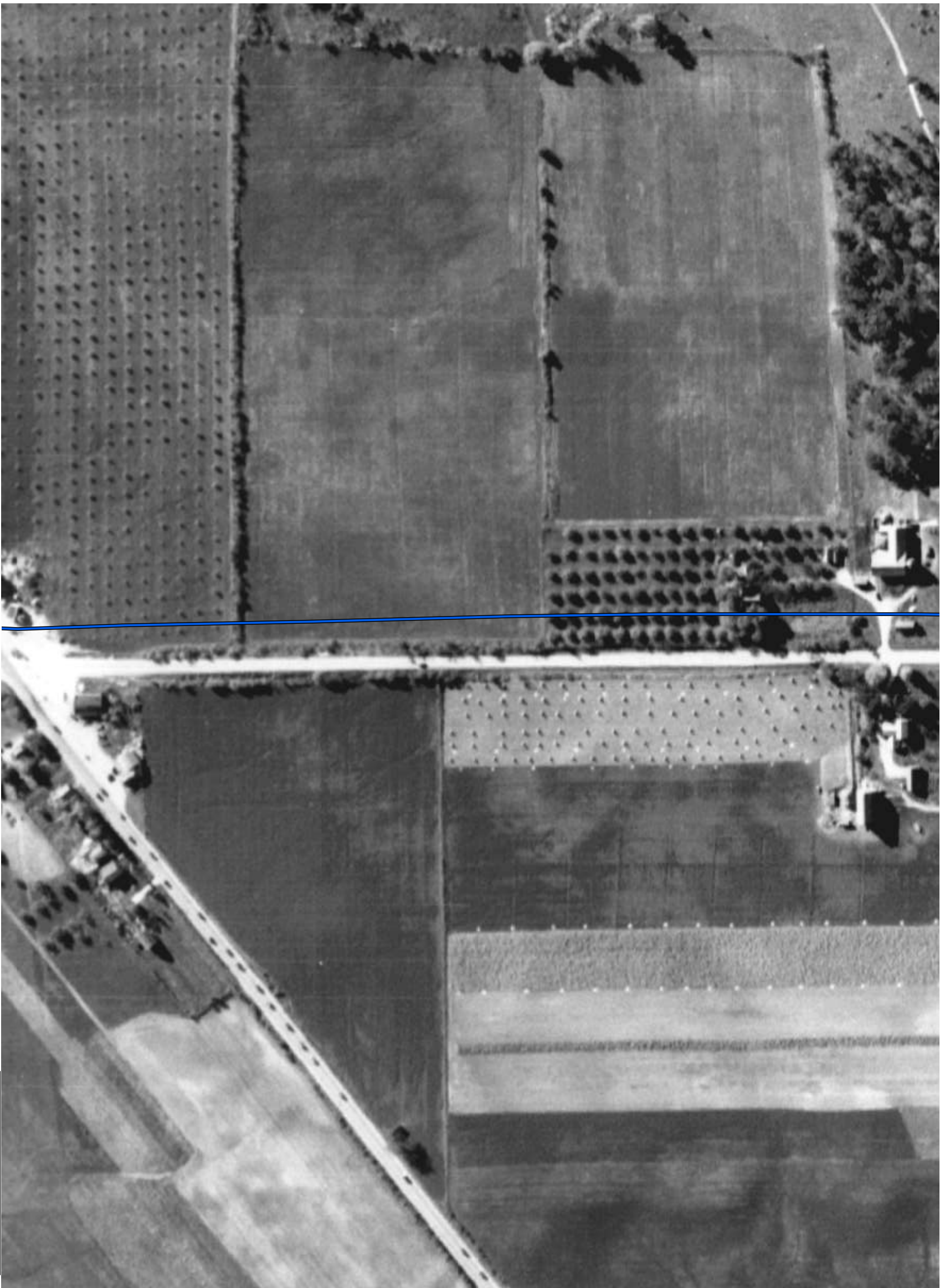
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Results you can rely on

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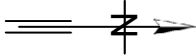
LEGEND

 SURVEY CORRIDOR

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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019




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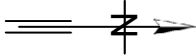
LEGEND

 SURVEY CORRIDOR

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Waukesha, Wisconsin

Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
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SERVING WAUKESHA SINCE 1886



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Results you can rely on

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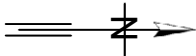
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 SURVEY CORRIDOR

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1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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1" = 200'




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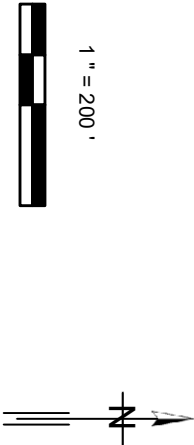
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
Date: 4/25/2019



LEGEND
— SURVEY CORRIDOR
CEMETERY

NOTES

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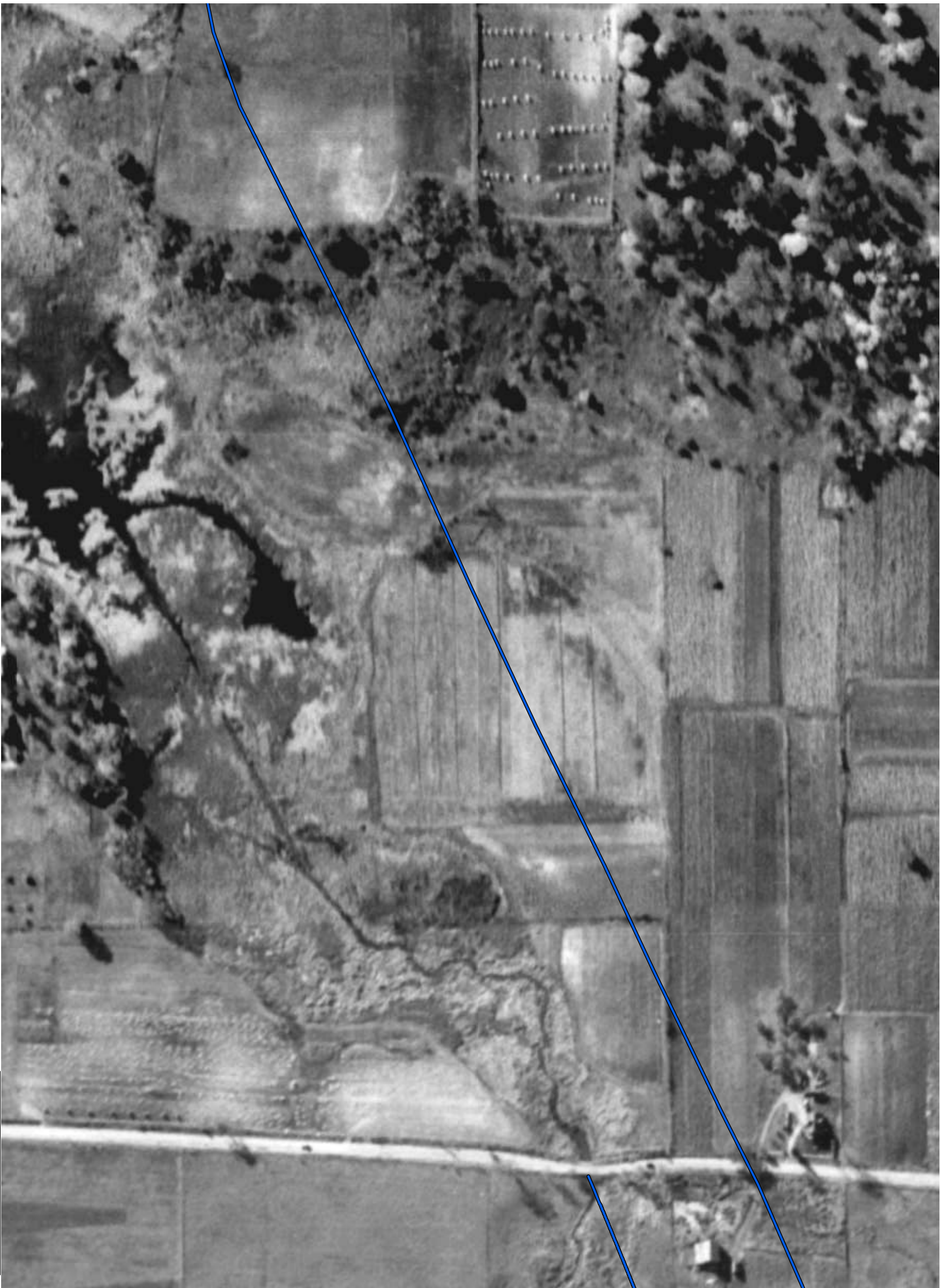
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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



LEGEND

EXHIBIT A

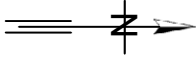
SHEET 27 OF 118

SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

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SURVEY HISTORICAL IMAGERY**

Date: 4/25/2019



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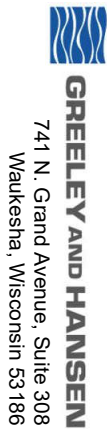
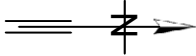


 **LEGEND**
SURVEY CORRIDOR

NOTES

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1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



LEGEND

EXHIBIT A

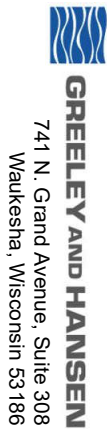
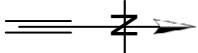
SHEET 29 OF 118

SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



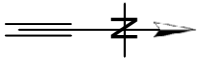
EXHIBIT A
SHEET 30 OF 118

LEGEND
SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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Waukesha, Wisconsin

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**PHASE I ARCHAEOLOGICAL
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Date: 4/25/2019



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Waukesha, Wisconsin 53186



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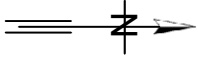
LEGEND

 SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



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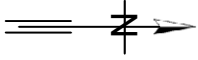
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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

**PHASE I ARCHAEOLOGICAL
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Date: 4/25/2019



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LEGEND

EXHIBIT A

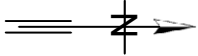
SHEET 33 OF 118

SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
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EXHIBIT A
SHEET 34 OF 118

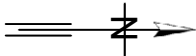
LEGEND

 SURVEY CORRIDOR

NOTES

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1" = 200'

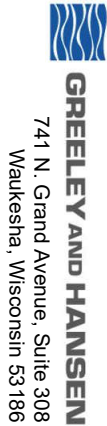


Waukesha, Wisconsin

Great Lakes Water Supply Program

**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**

Date: 4/25/2019



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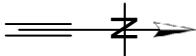


LEGEND
SURVEY CORRIDOR

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1" = 200'



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Great Lakes Water Supply Program
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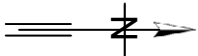
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SURVEY CORRIDOR

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Great Lakes Water Supply Program

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Date: 4/25/2019



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LEGEND
SURVEY CORRIDOR

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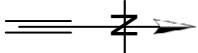
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 SURVEY CORRIDOR

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Waukesha, Wisconsin

Great Lakes Water Supply Program

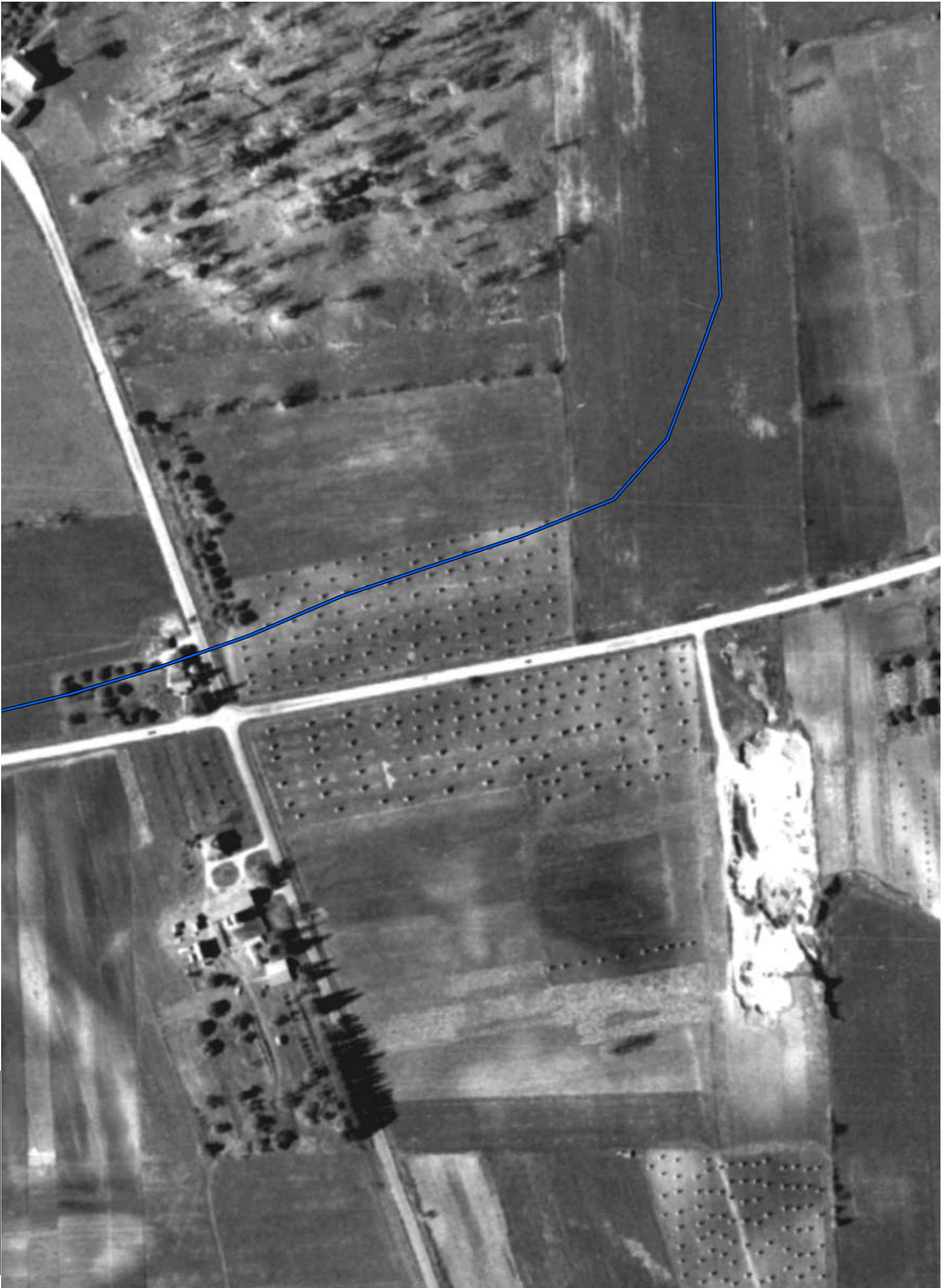
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SURVEY HISTORICAL IMAGERY**

Date: 4/25/2019



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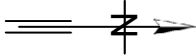
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NOTES

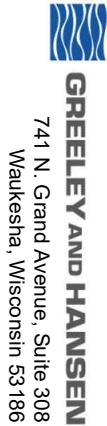
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Waukesha, Wisconsin

Great Lakes Water Supply Program
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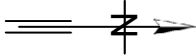
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SURVEY CORRIDOR

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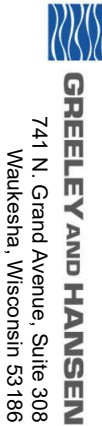


Waukesha, Wisconsin

Great Lakes Water Supply Program

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Date: 4/25/2019



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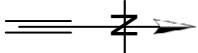
EXHIBIT A
SHEET 41 OF 118

LEGEND
SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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1" = 200'



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Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
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Date: 4/25/2019



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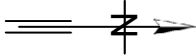
LEGEND

 SURVEY CORRIDOR

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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
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Date: 4/25/2019




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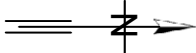
EXHIBIT A
SHEET 43 OF 118

LEGEND
SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



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Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
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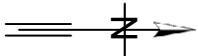


LEGEND
SURVEY CORRIDOR

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1" = 200'



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Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
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LEGEND

EXHIBIT A

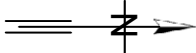
SHEET 45 OF 118

SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



LEGEND

EXHIBIT A

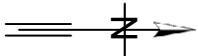
SHEET 46 OF 118

SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

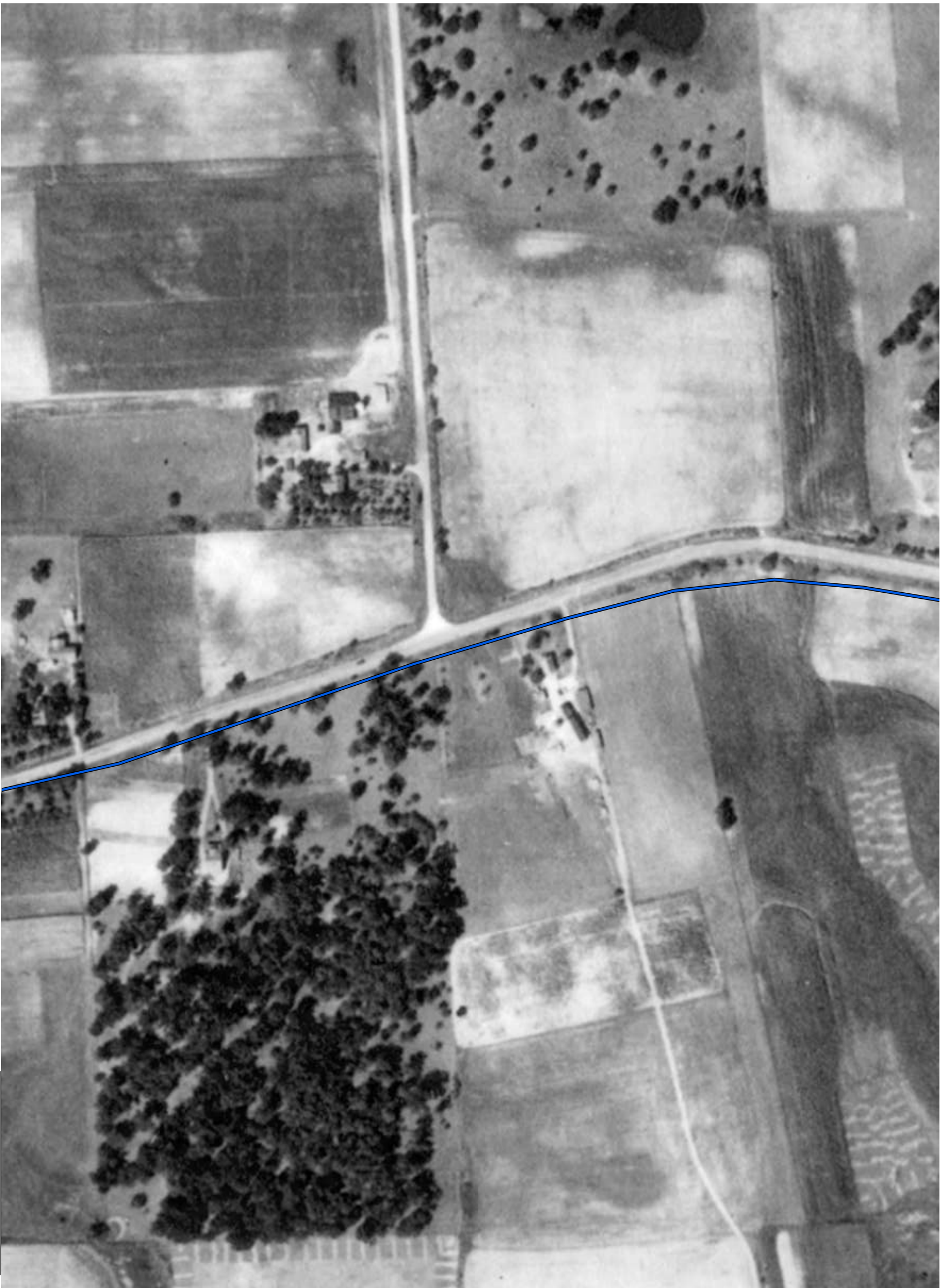
1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



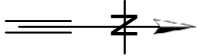
LEGEND

SURVEY CORRIDOR

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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019



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Waukesha, Wisconsin 53186



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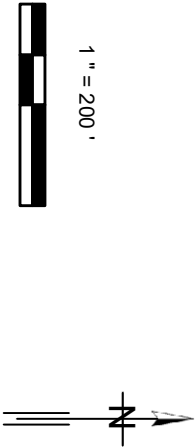


EXHIBIT A
SHEET 48 OF 118

LEGEND
SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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SHEET 49 OF 118

- LEGEND**
-  SURVEY CORRIDOR
 -  CEMETERY

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019

LEGEND

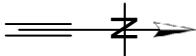
 SURVEY CORRIDOR



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1" = 200'



Waukesha, Wisconsin

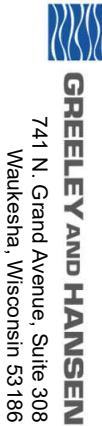
Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019



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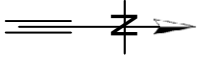
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SURVEY CORRIDOR



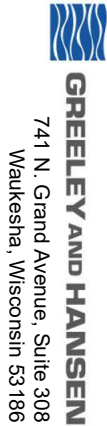
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
Date: 4/25/2019



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LEGEND

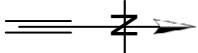
SURVEY CORRIDOR



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Waukesha, Wisconsin

Great Lakes Water Supply Program

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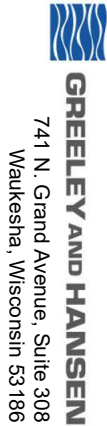
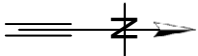
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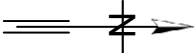
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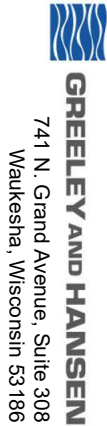
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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
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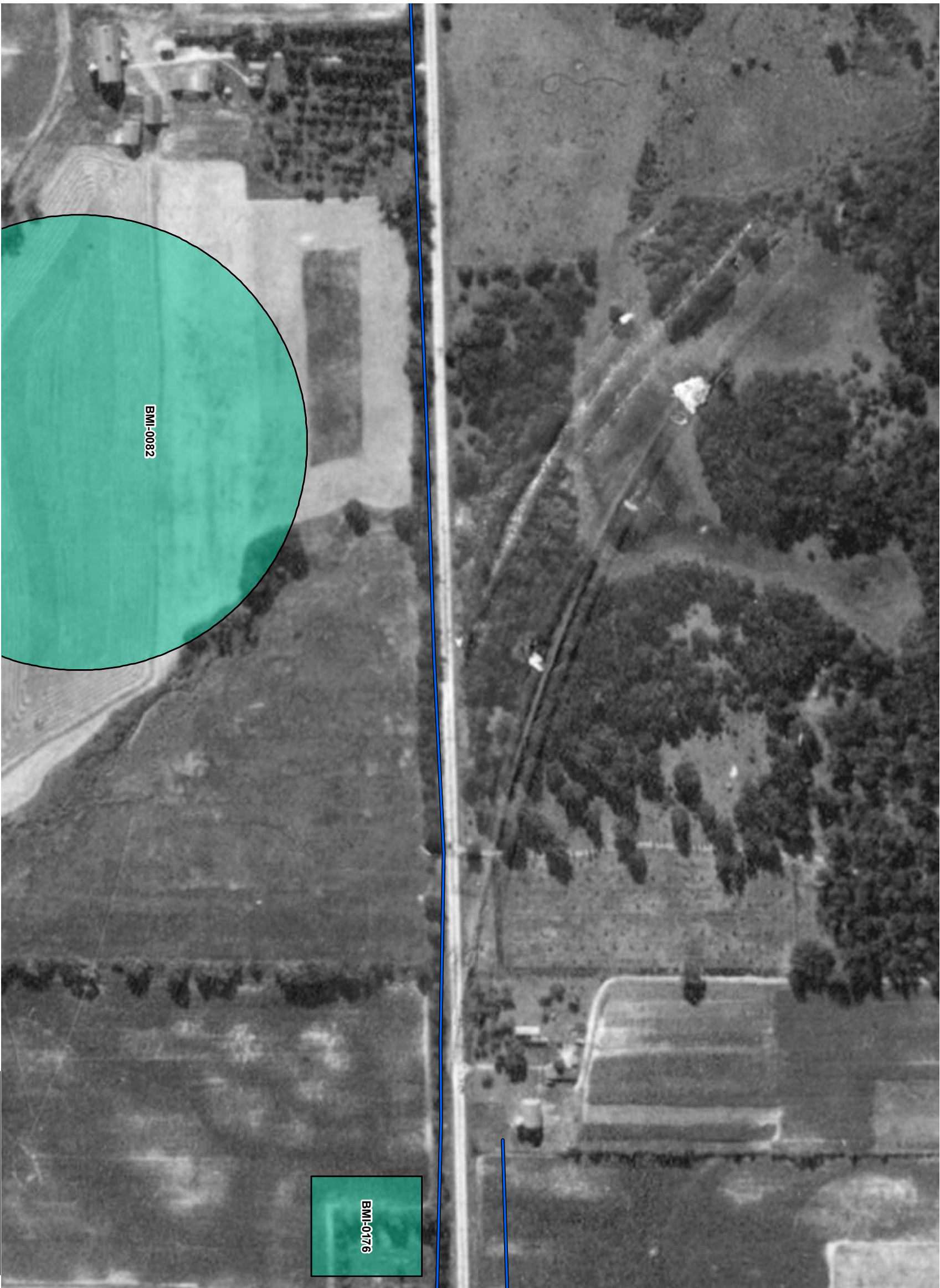


EXHIBIT A
SHEET 55 OF 118

- LEGEND**
- SURVEY CORRIDOR
 - CEMETERY

NOTES

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Great Lakes Water Supply Program
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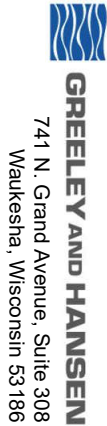
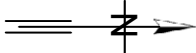
EXHIBIT A
SHEET 56 OF 118

- LEGEND**
-  SURVEY CORRIDOR
 -  CEMETERY

NOTES

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1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
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SURVEY HISTORICAL IMAGERY**
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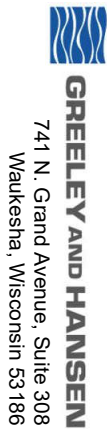
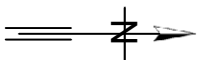
EXHIBIT A
SHEET 57 OF 118

LEGEND
SURVEY CORRIDOR

NOTES

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1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
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LEGEND

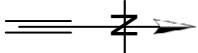
SURVEY CORRIDOR



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Waukesha, Wisconsin

Great Lakes Water Supply Program

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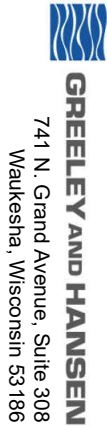
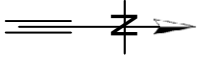
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SURVEY CORRIDOR



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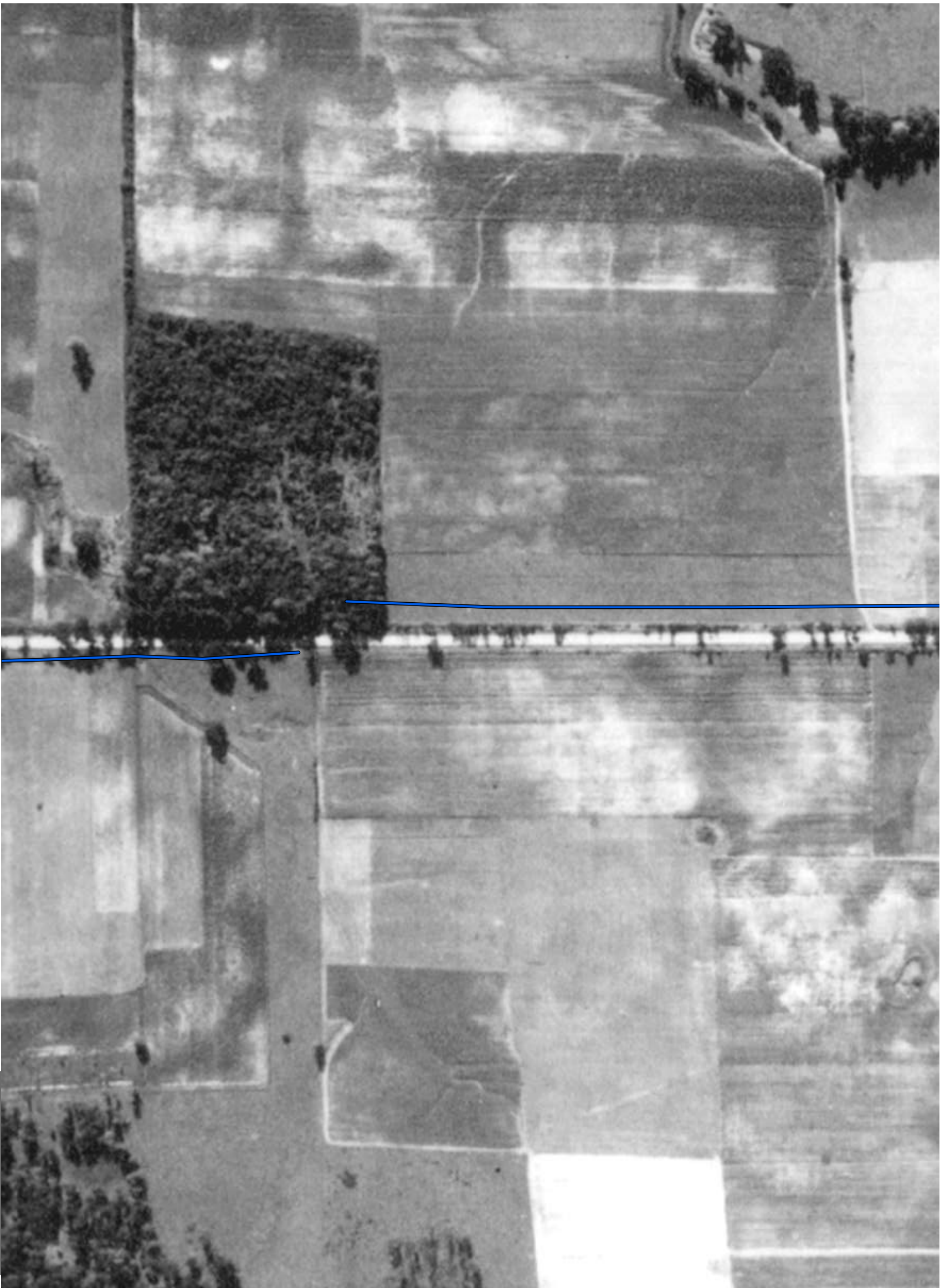
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
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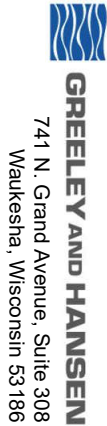
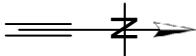


LEGEND
SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



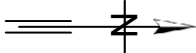
LEGEND

 SURVEY CORRIDOR

NOTES

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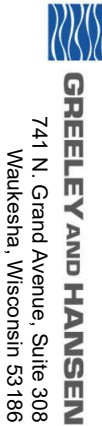


Waukesha, Wisconsin

Great Lakes Water Supply Program

**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**

Date: 4/25/2019



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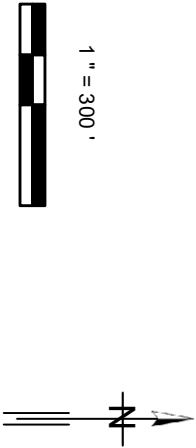




- LEGEND**
- SURVEY CORRIDOR
 - SURVEY PARCEL

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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GREELEY AND HANSEN
741 N. Grand Avenue, Suite 308
Waukesha, Wisconsin 53186



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Date: 4/25/2019

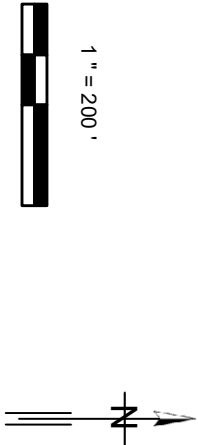


EXHIBIT A
SHEET 63 OF 118

- LEGEND**
-  SURVEY CORRIDOR
 -  CEMETERY

NOTES

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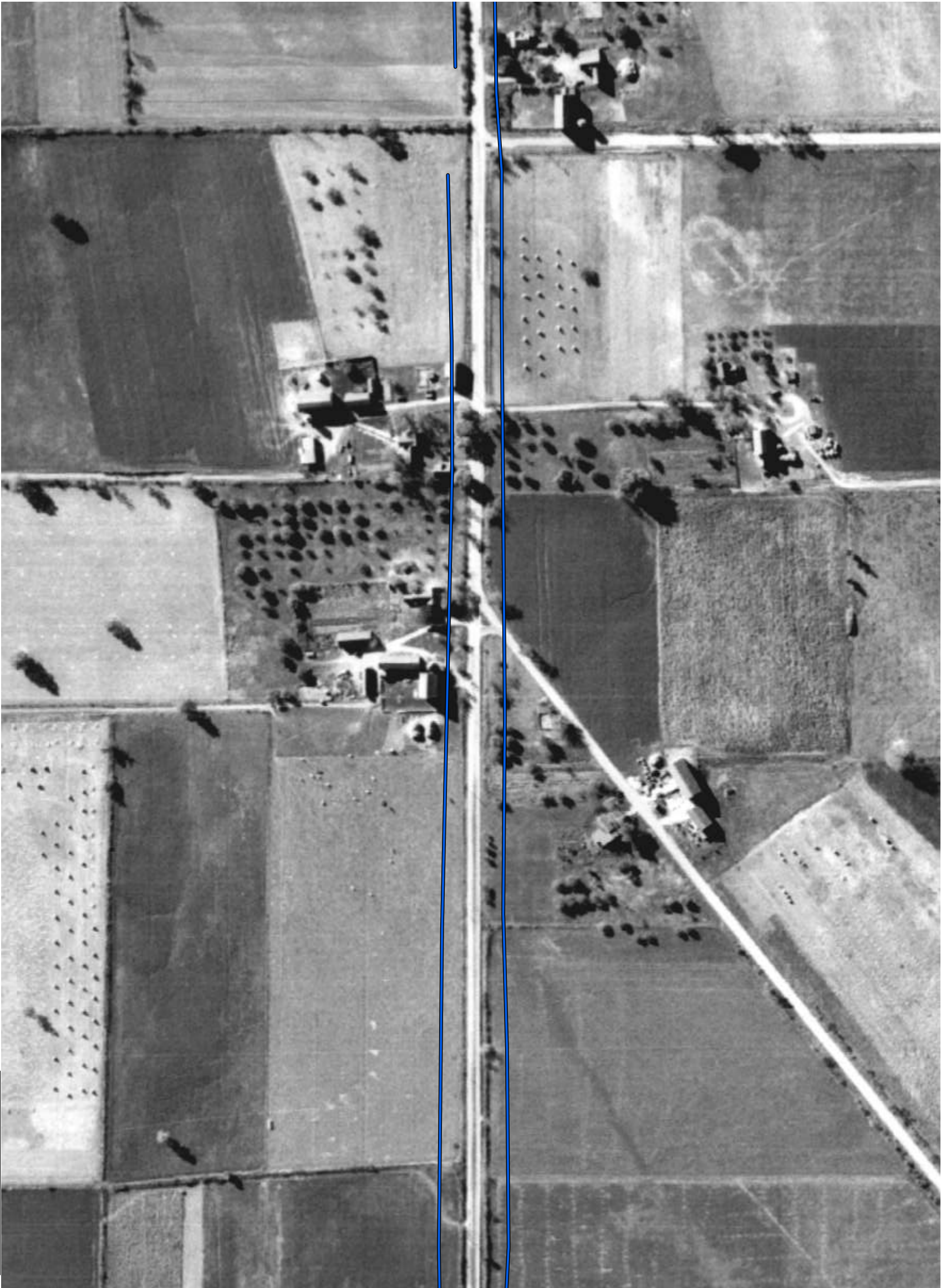


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Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019

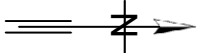
LEGEND
SURVEY CORRIDOR



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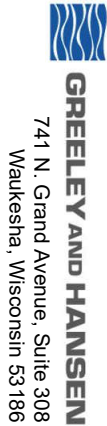
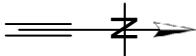


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SURVEY CORRIDOR

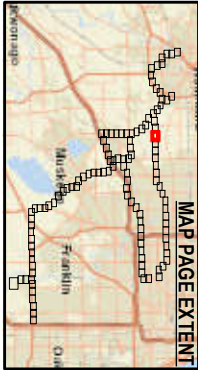
NOTES

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
Date: 4/25/2019



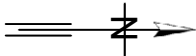
LEGEND

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Waukesha, Wisconsin

Great Lakes Water Supply Program

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Date: 4/25/2019



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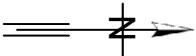
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
Date: 4/25/2019

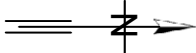


LEGEND
SURVEY CORRIDOR

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Waukesha, Wisconsin

Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



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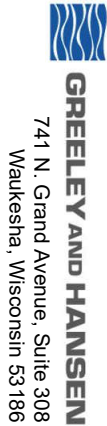
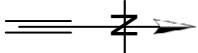


 SURVEY CORRIDOR

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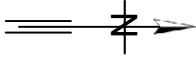




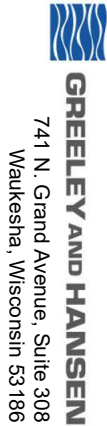
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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
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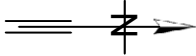
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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

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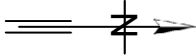
LEGEND

SURVEY CORRIDOR

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Great Lakes Water Supply Program

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Date: 4/25/2019



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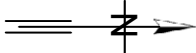
EXHIBIT A
LEGEND
SHEET 73 OF 118

— SURVEY CORRIDOR

NOTES

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1 " = 200 '

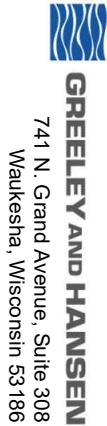


Waukesha, Wisconsin

Great Lakes Water Supply Program

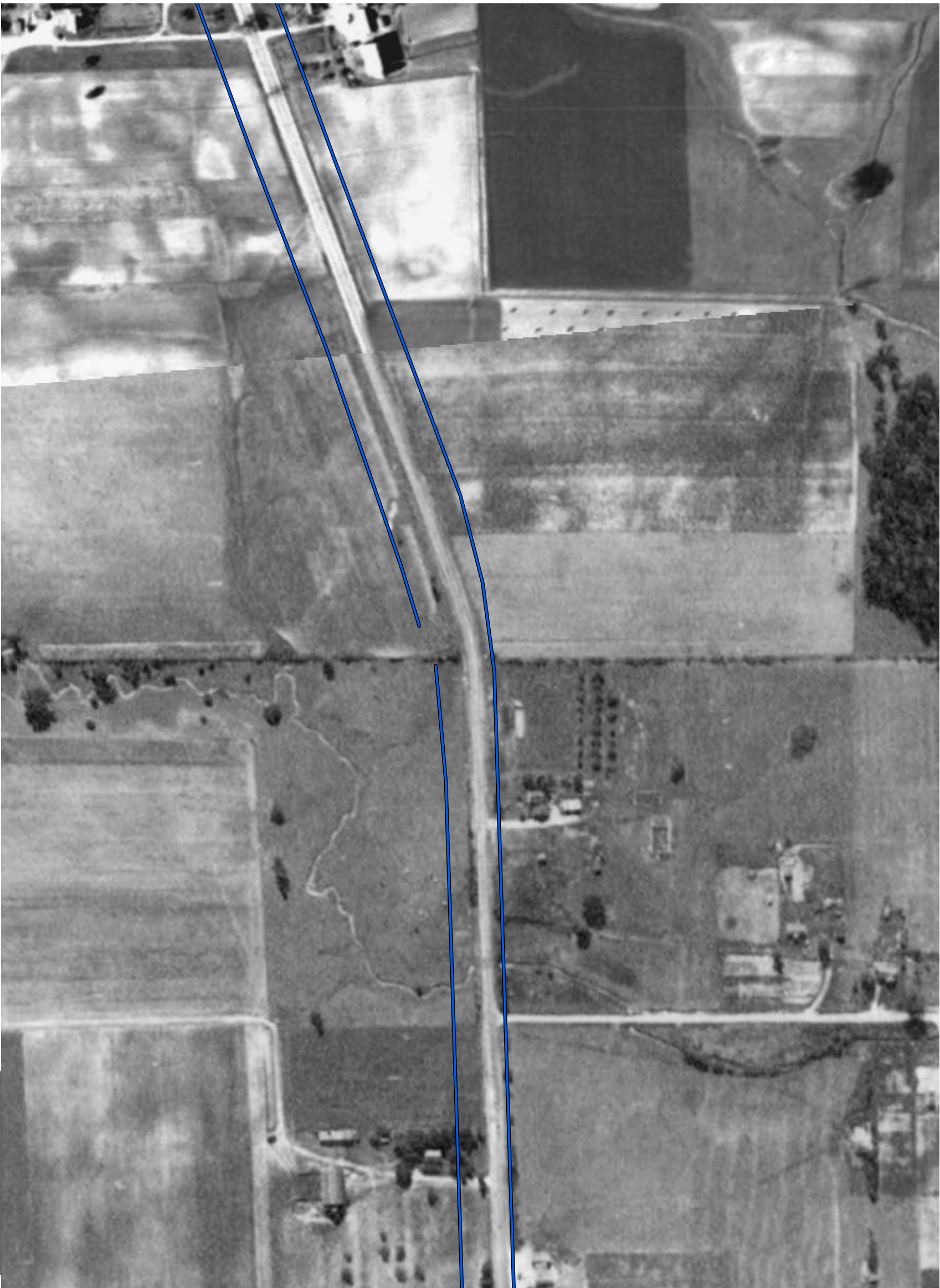
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**

Date: 4/25/2019



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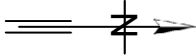
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SURVEY CORRIDOR

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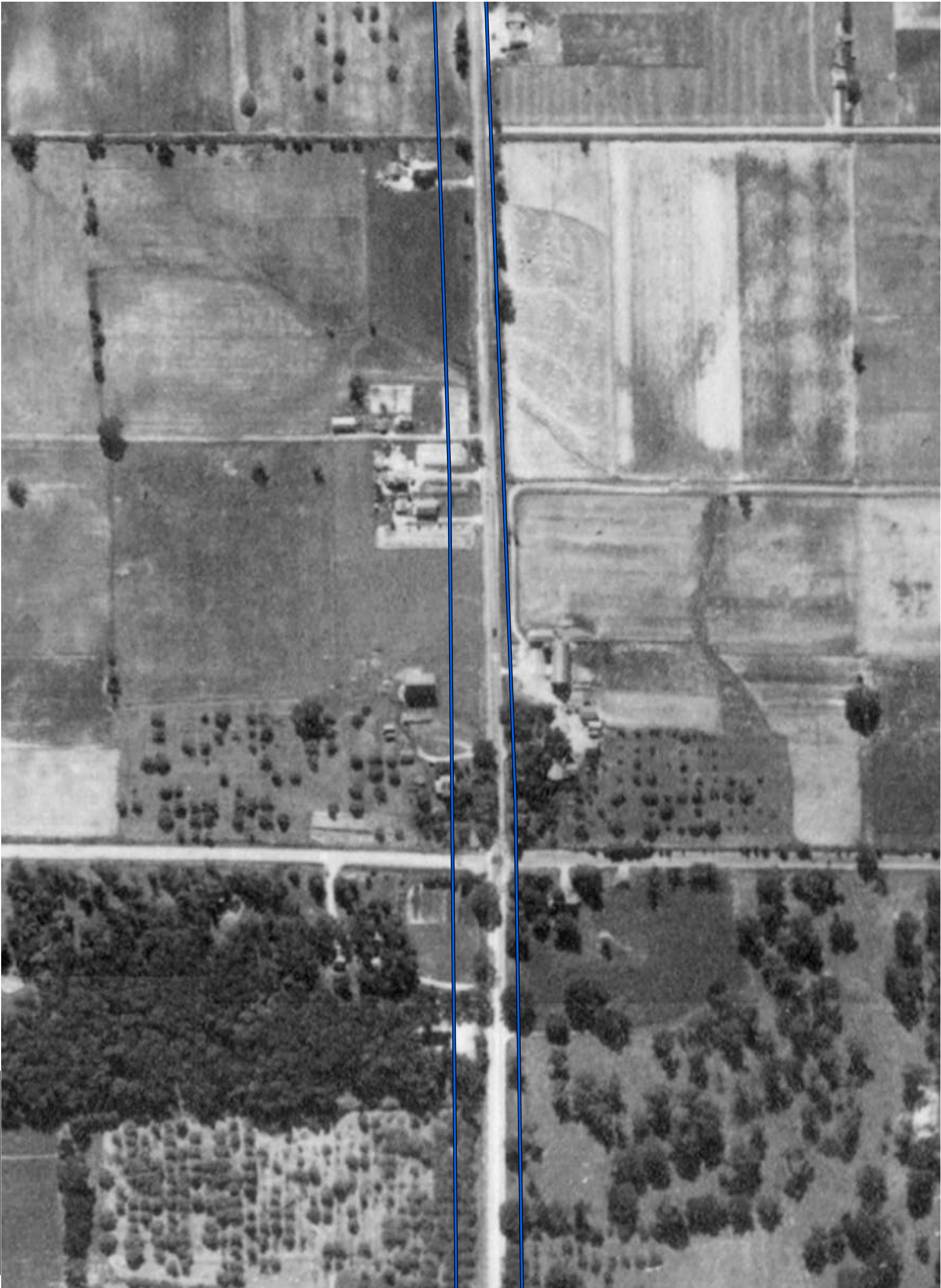
1" = 200'



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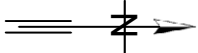
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
Date: 4/25/2019



NOTES

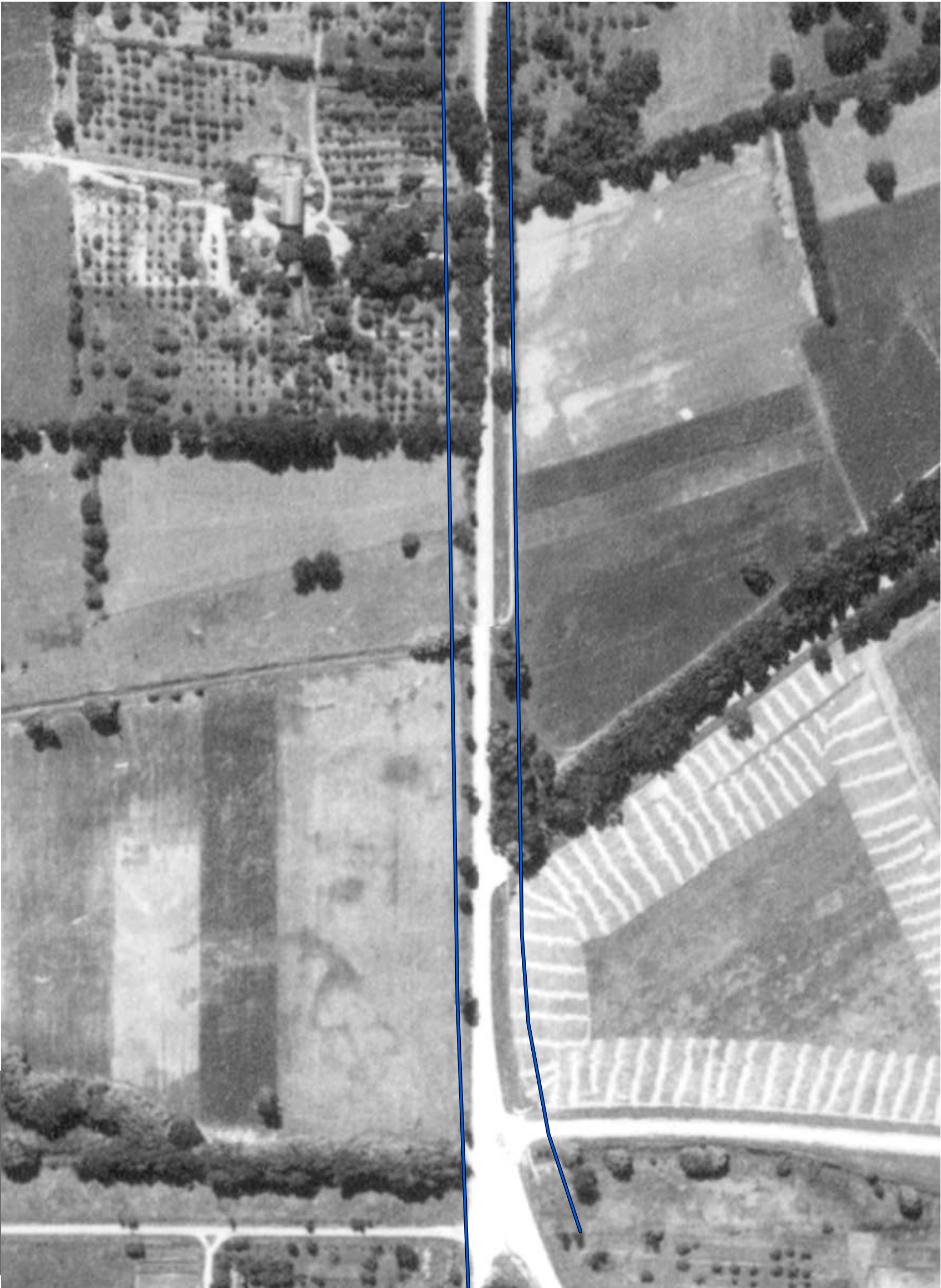
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1" = 200'



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LEGEND

EXHIBIT A

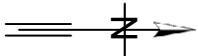
SHEET 76 OF 118

SURVEY CORRIDOR

NOTES

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1" = 200'



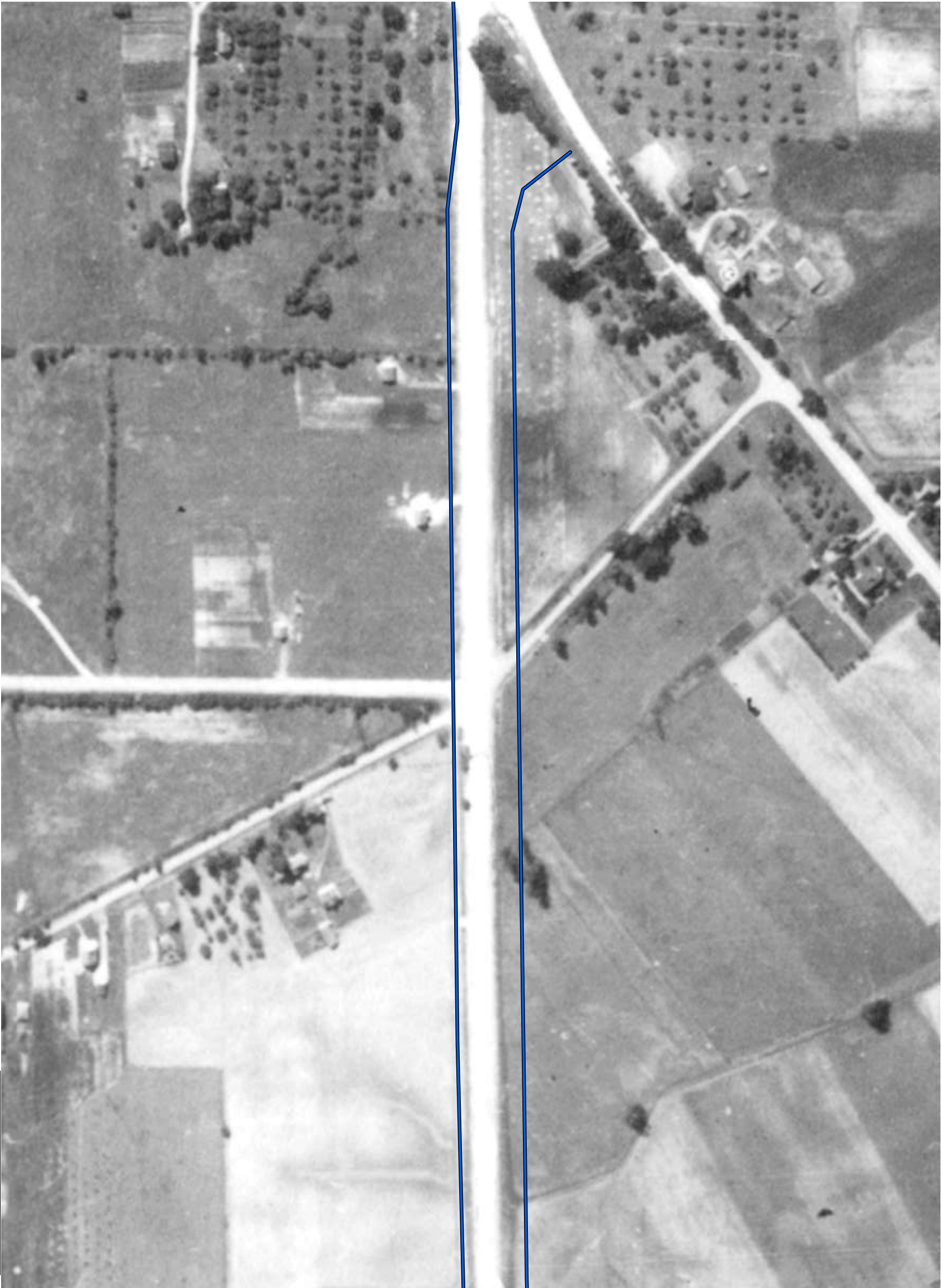
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Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019

LEGEND

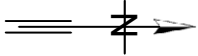
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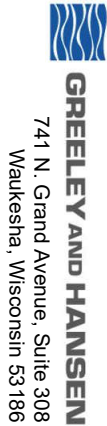


Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019



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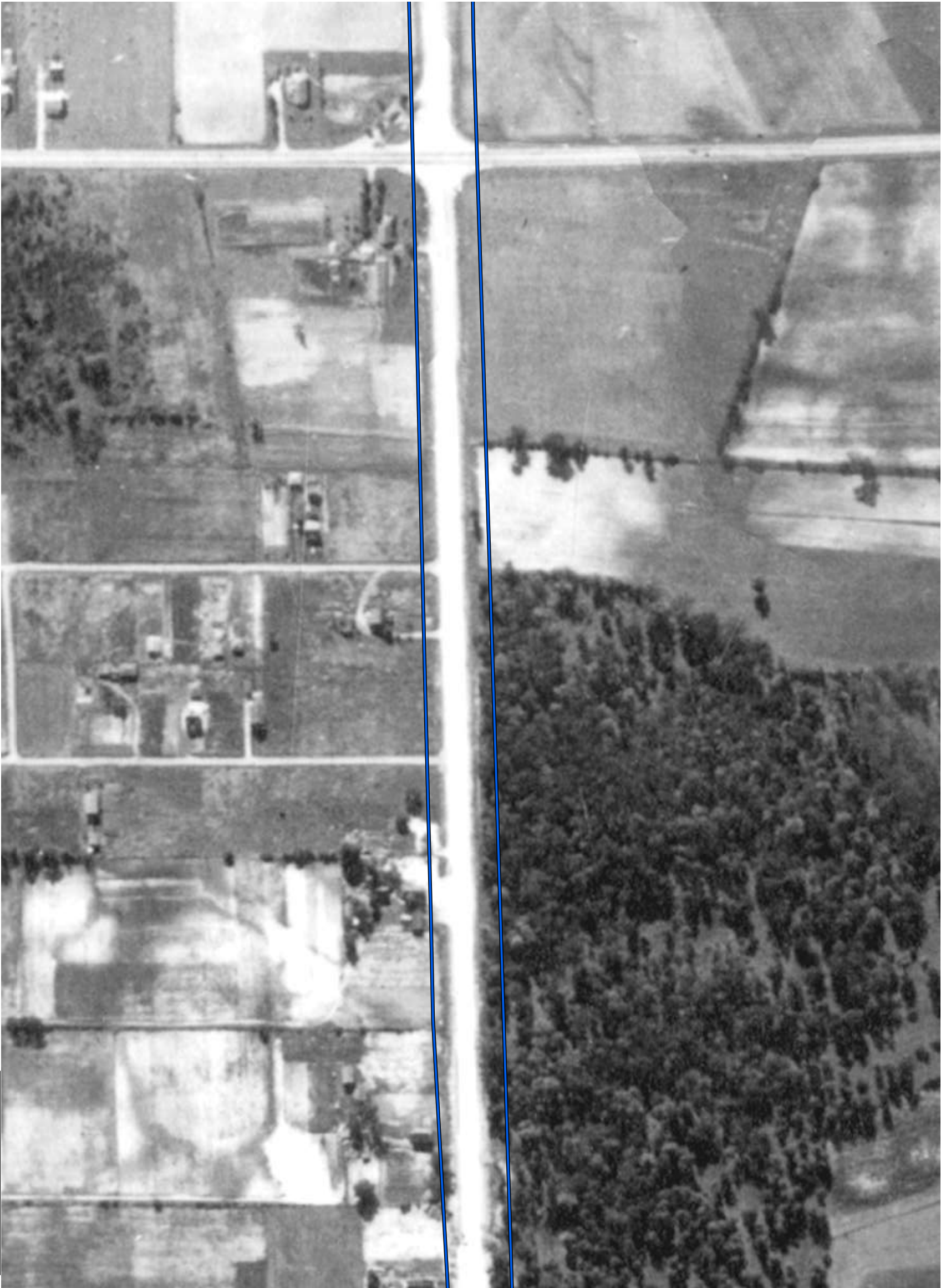


EXHIBIT A
SHEET 78 OF 118

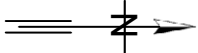
LEGEND

 SURVEY CORRIDOR

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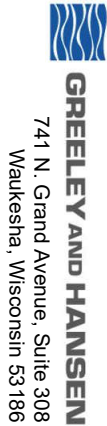


Waukesha, Wisconsin

Great Lakes Water Supply Program

**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**

Date: 4/25/2019



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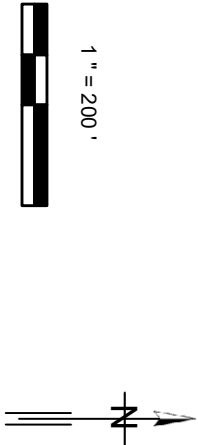


EXHIBIT A
SHEET 79 OF 118

- LEGEND**
-  SURVEY CORRIDOR
 -  CEMETERY

NOTES

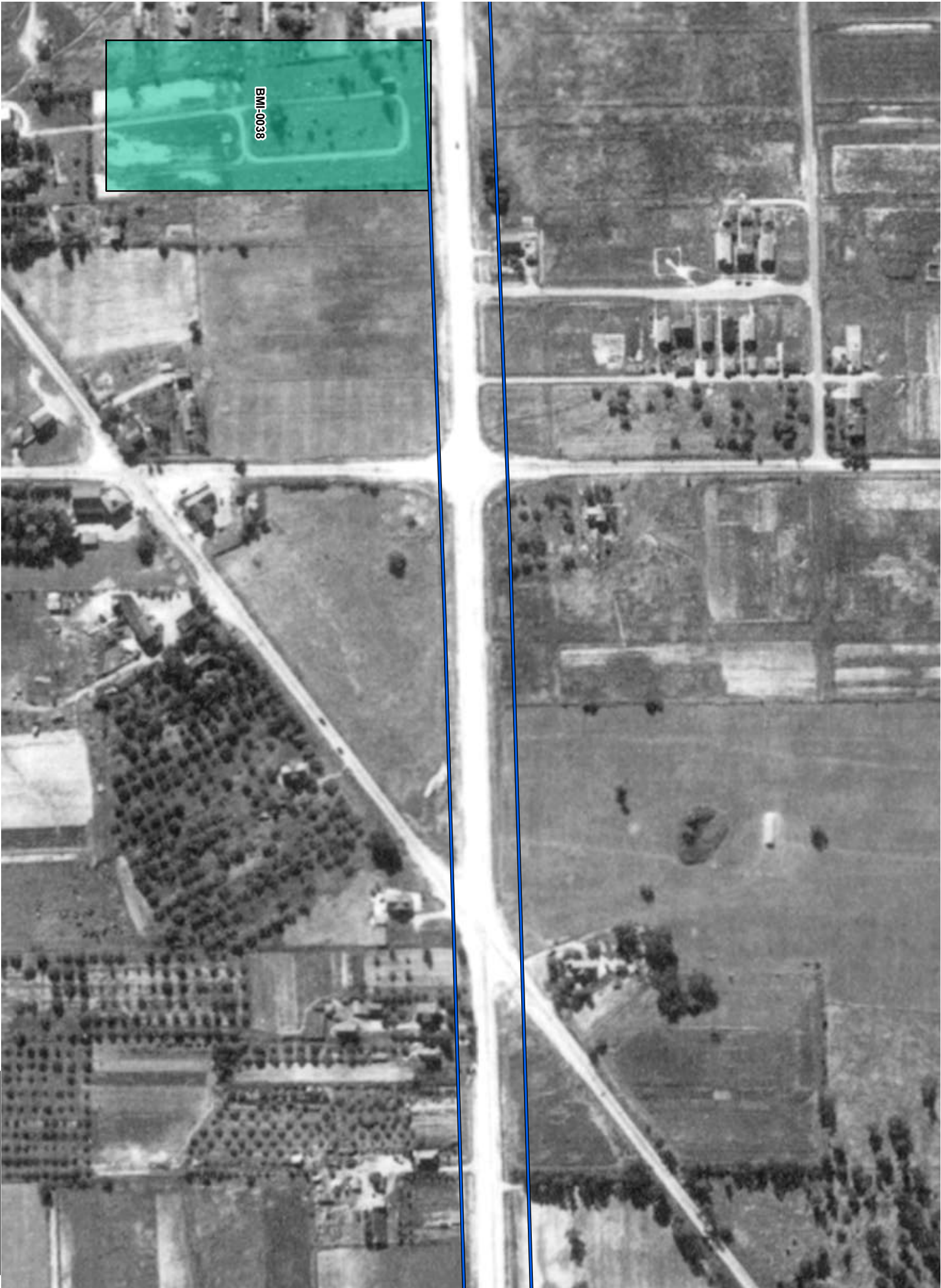
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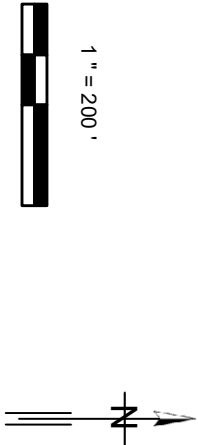
Waukesha, Wisconsin
Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



- LEGEND**
- SURVEY CORRIDOR
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GREELEY AND HANSEN
741 N. Grand Avenue, Suite 308
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PHASE I ARCHAEOLOGICAL
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Date: 4/25/2019

LEGEND

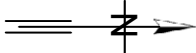
SURVEY CORRIDOR



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Waukesha, Wisconsin

Great Lakes Water Supply Program

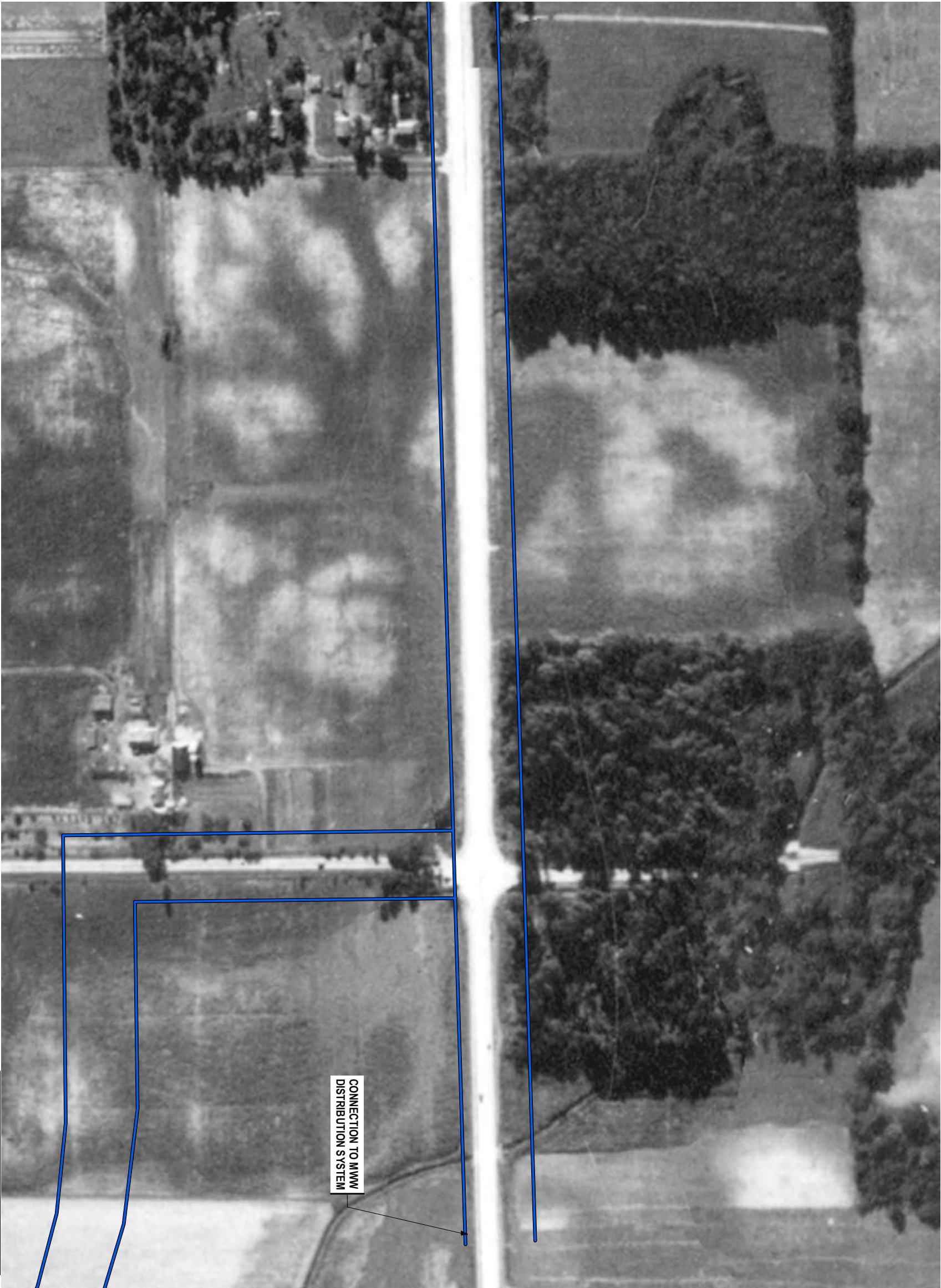
PHASE I ARCHAEOLOGICAL
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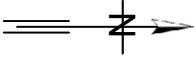
 SURVEY CORRIDOR




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Great Lakes Water Supply Program
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Date: 4/25/2019

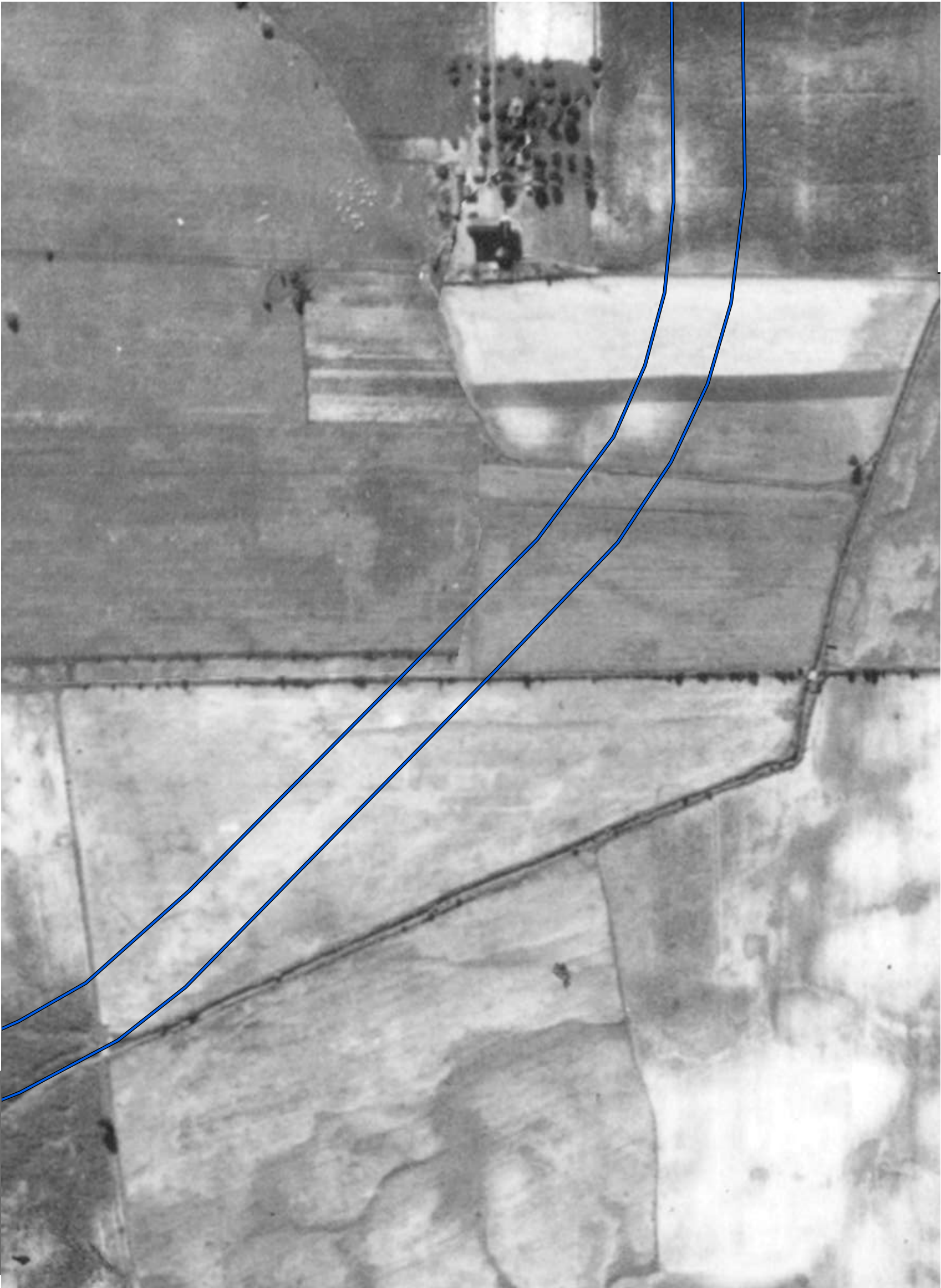


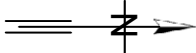
EXHIBIT A
SHEET 83 OF 118

LEGEND
SURVEY CORRIDOR

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Waukesha, Wisconsin
Great Lakes Water Supply Program
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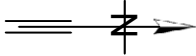


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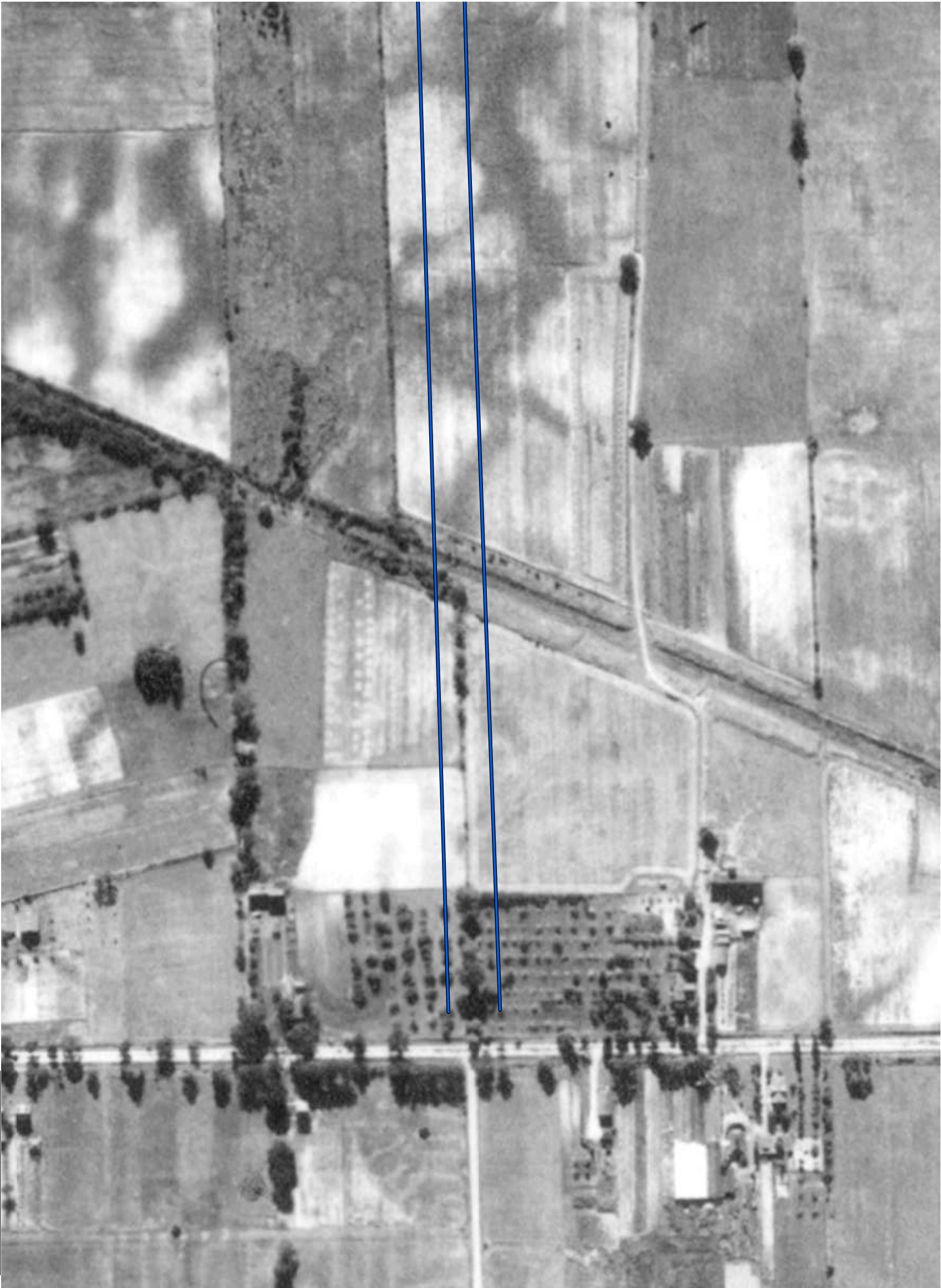
Waukesha, Wisconsin

Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
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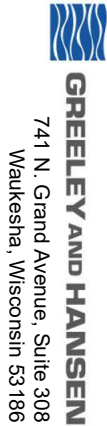
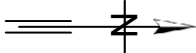
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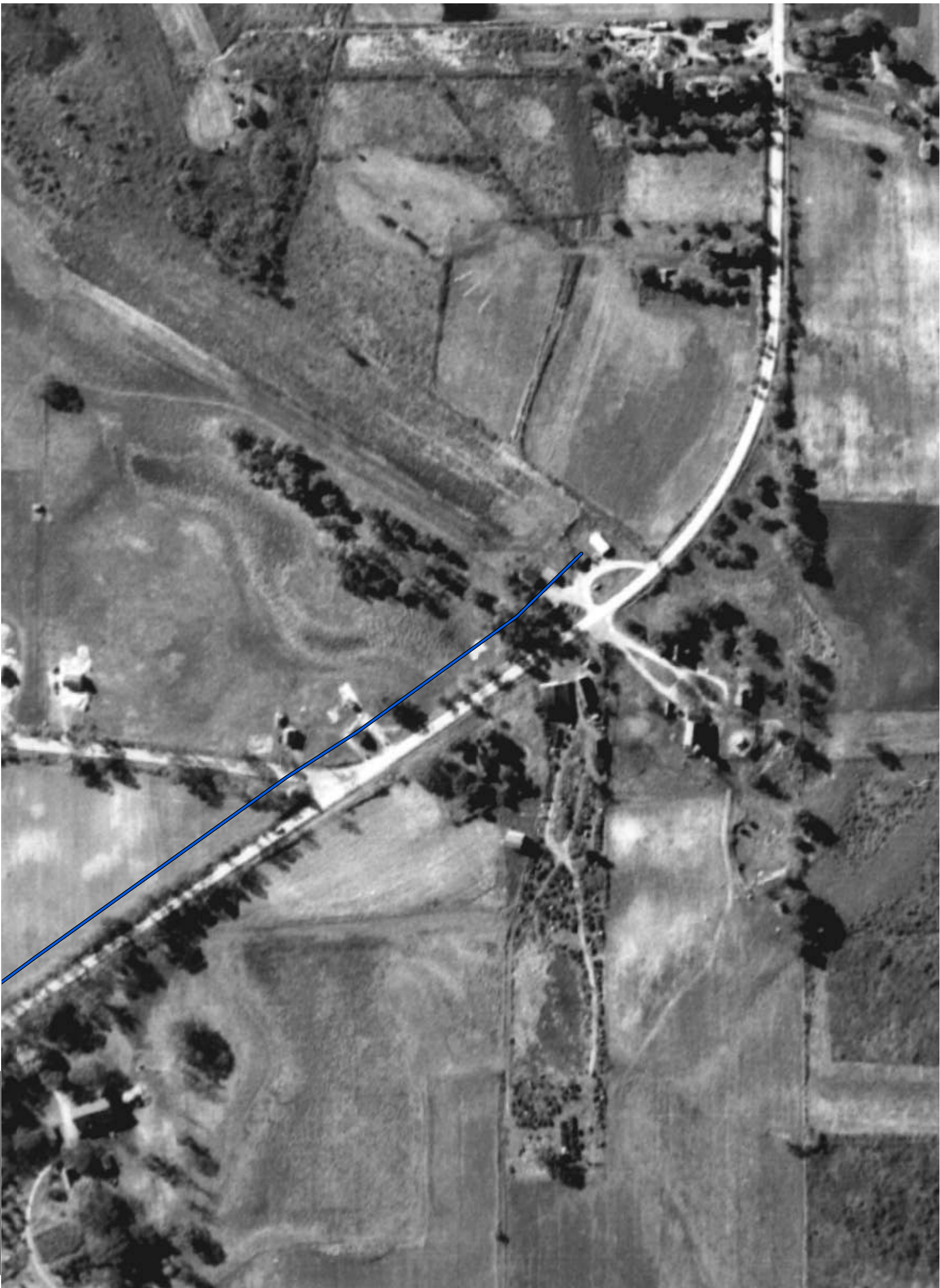
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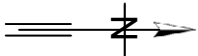
LEGEND

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Waukesha, Wisconsin

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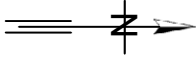


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Date: 4/25/2019



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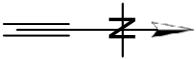
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NOTES

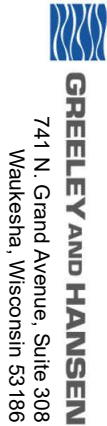
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2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
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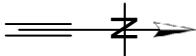
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NOTES

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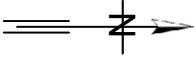
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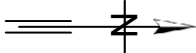
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- LEGEND**
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 - CEMETERY

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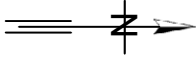
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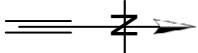
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LEGEND
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NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
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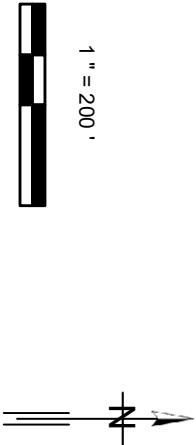
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CEMETERY

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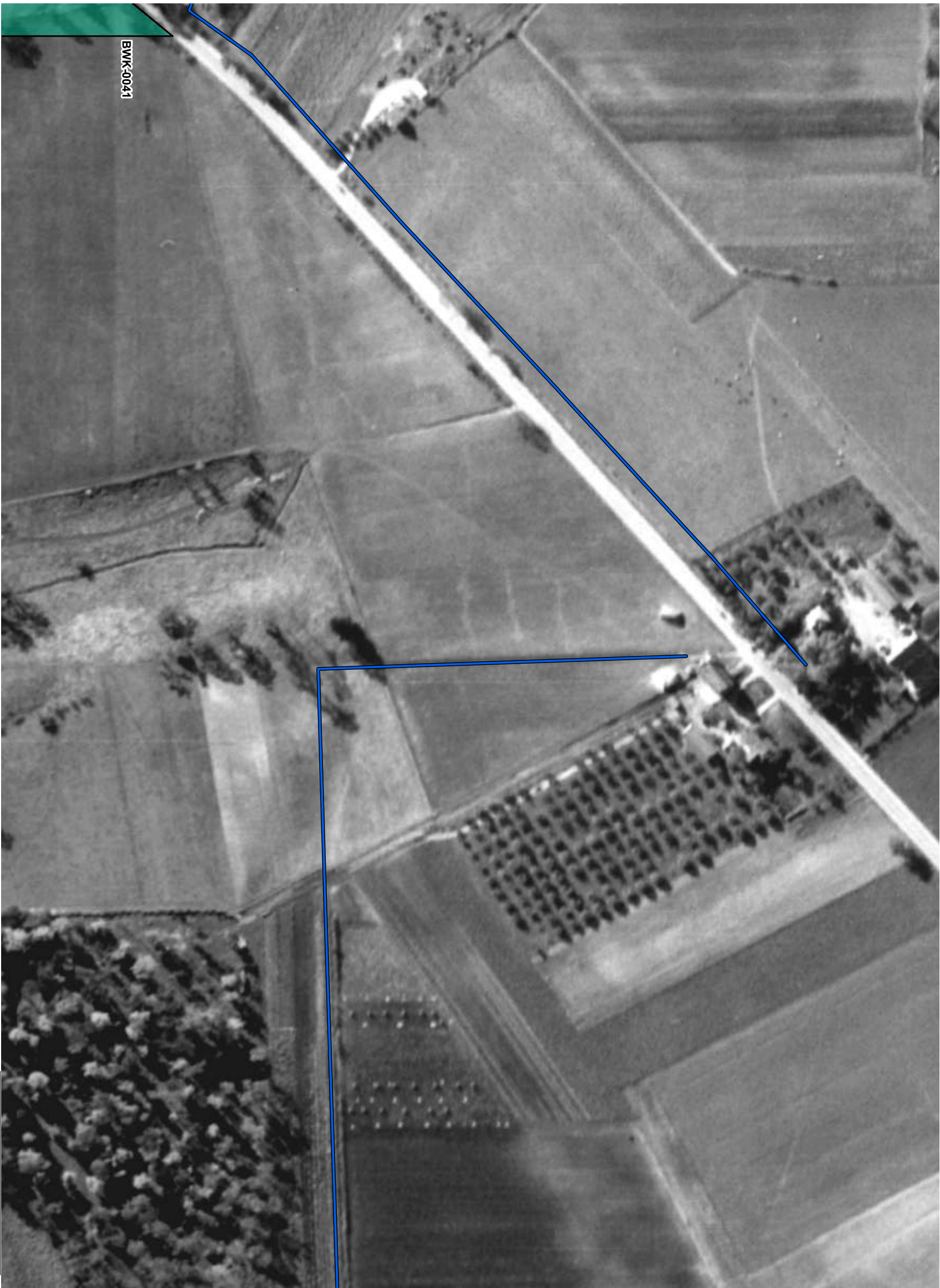


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- LEGEND**
-  SURVEY CORRIDOR
 -  CEMETERY

NOTES

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NOTES

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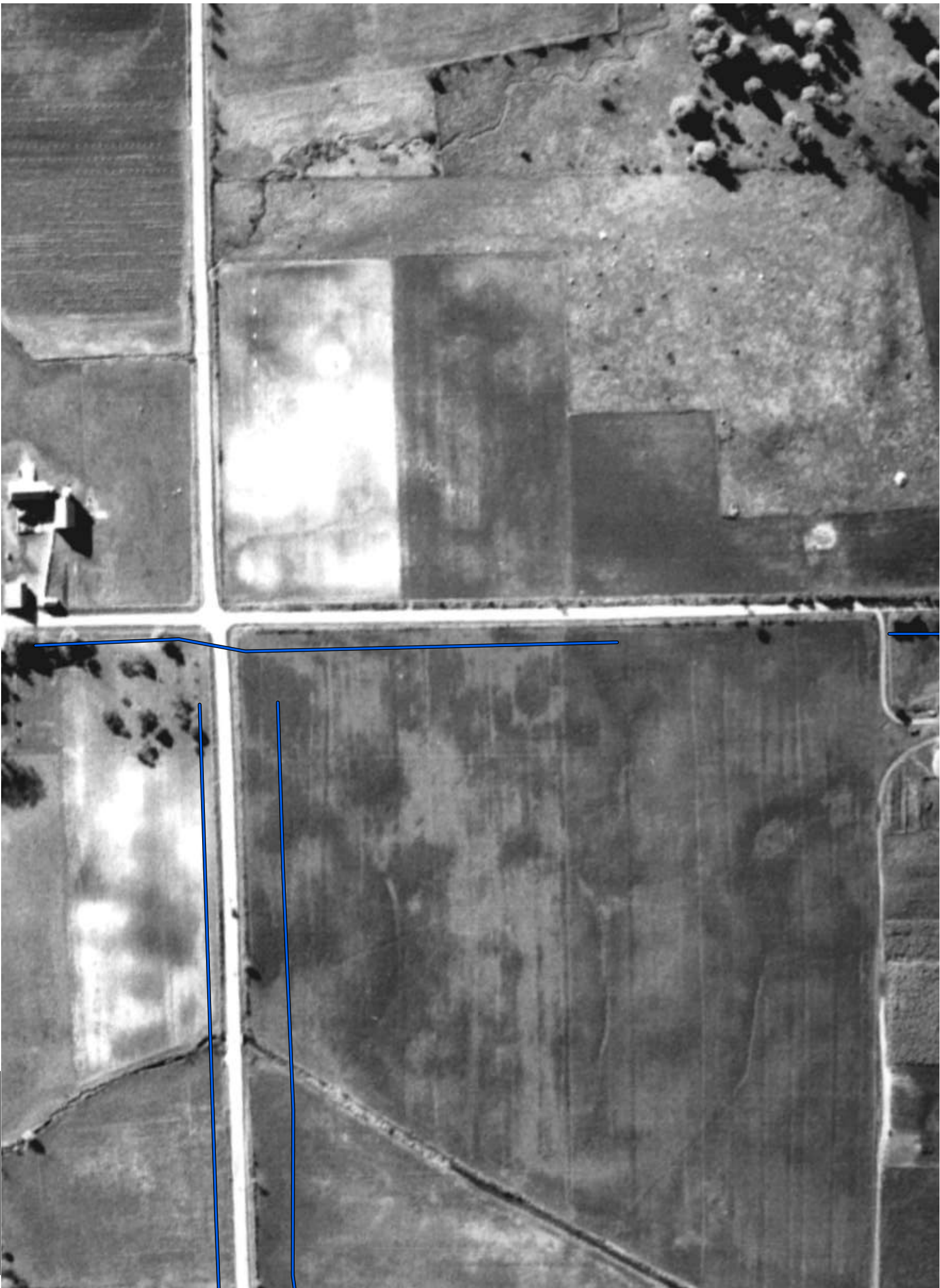
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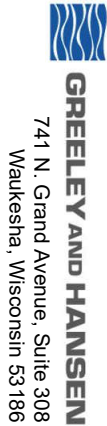
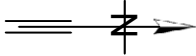


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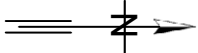
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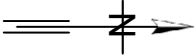
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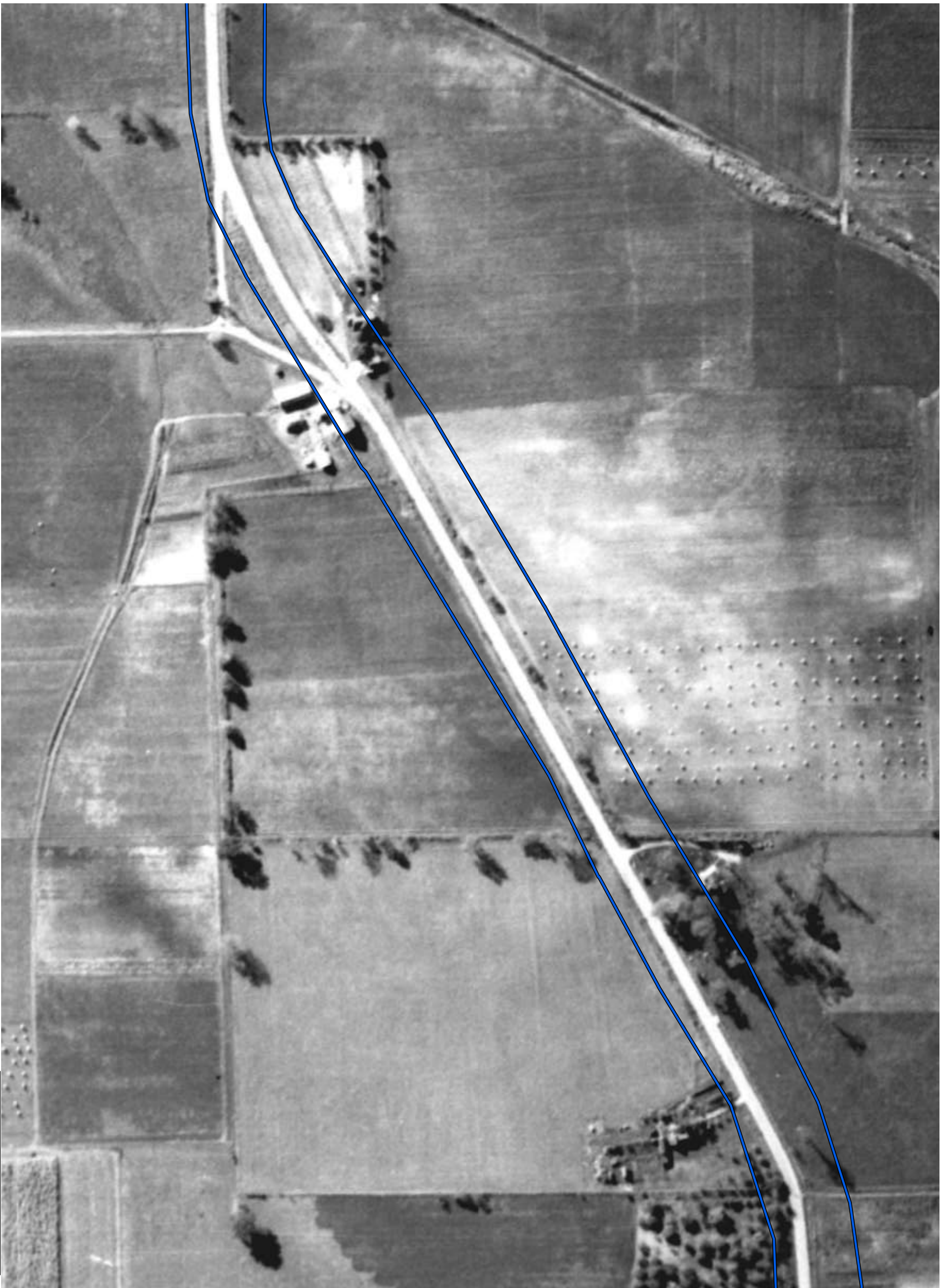
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1" = 200'



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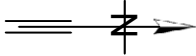
SHEET 101 OF 118

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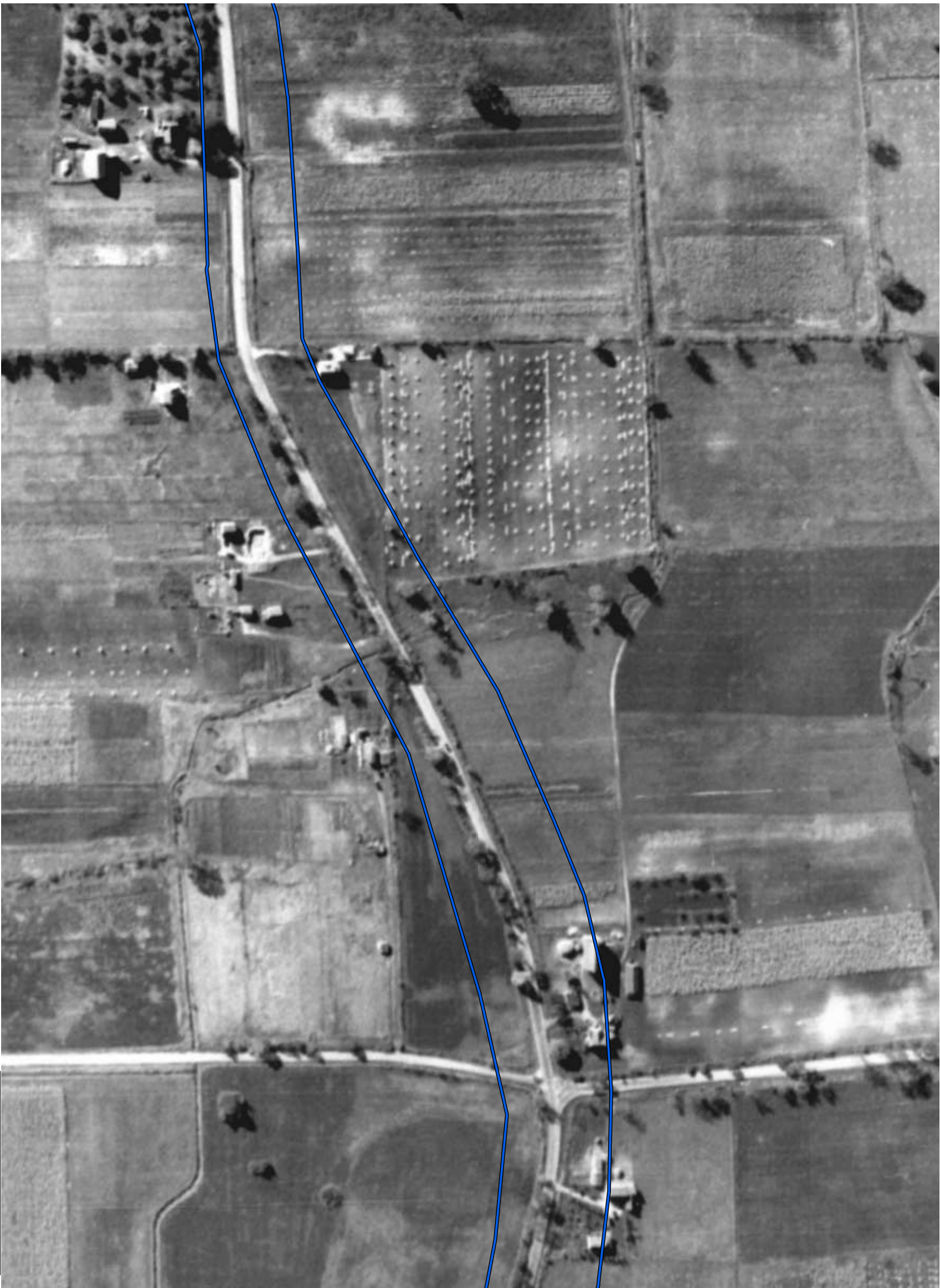


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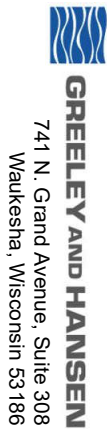
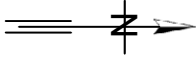


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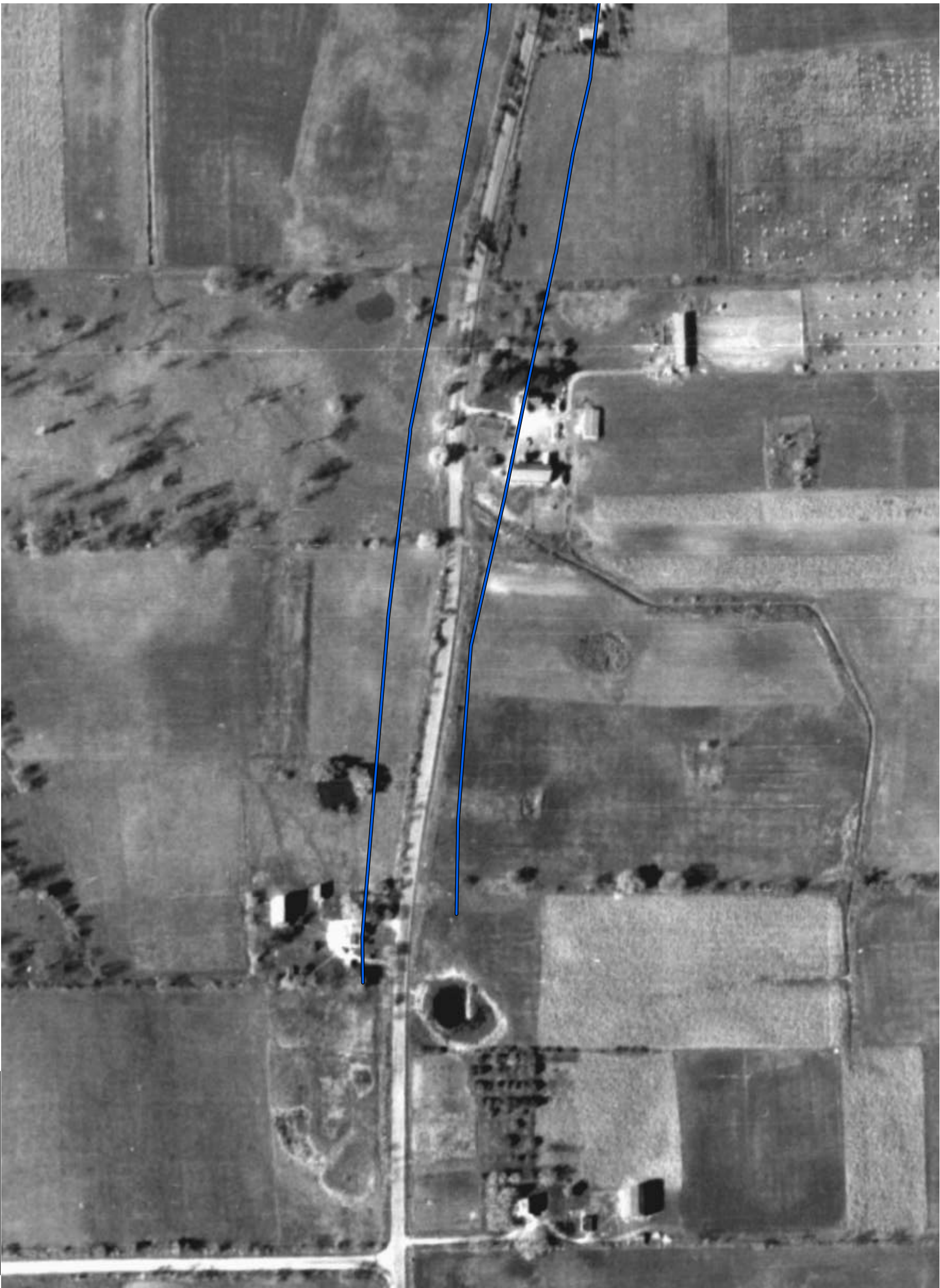
1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
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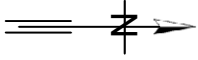
SHEET 103 OF 118

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NOTES

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1" = 200'



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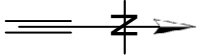
Waukesha, Wisconsin
Great Lakes Water Supply Program
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Date: 4/25/2019



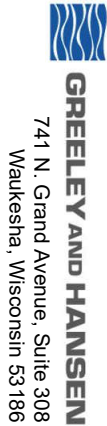
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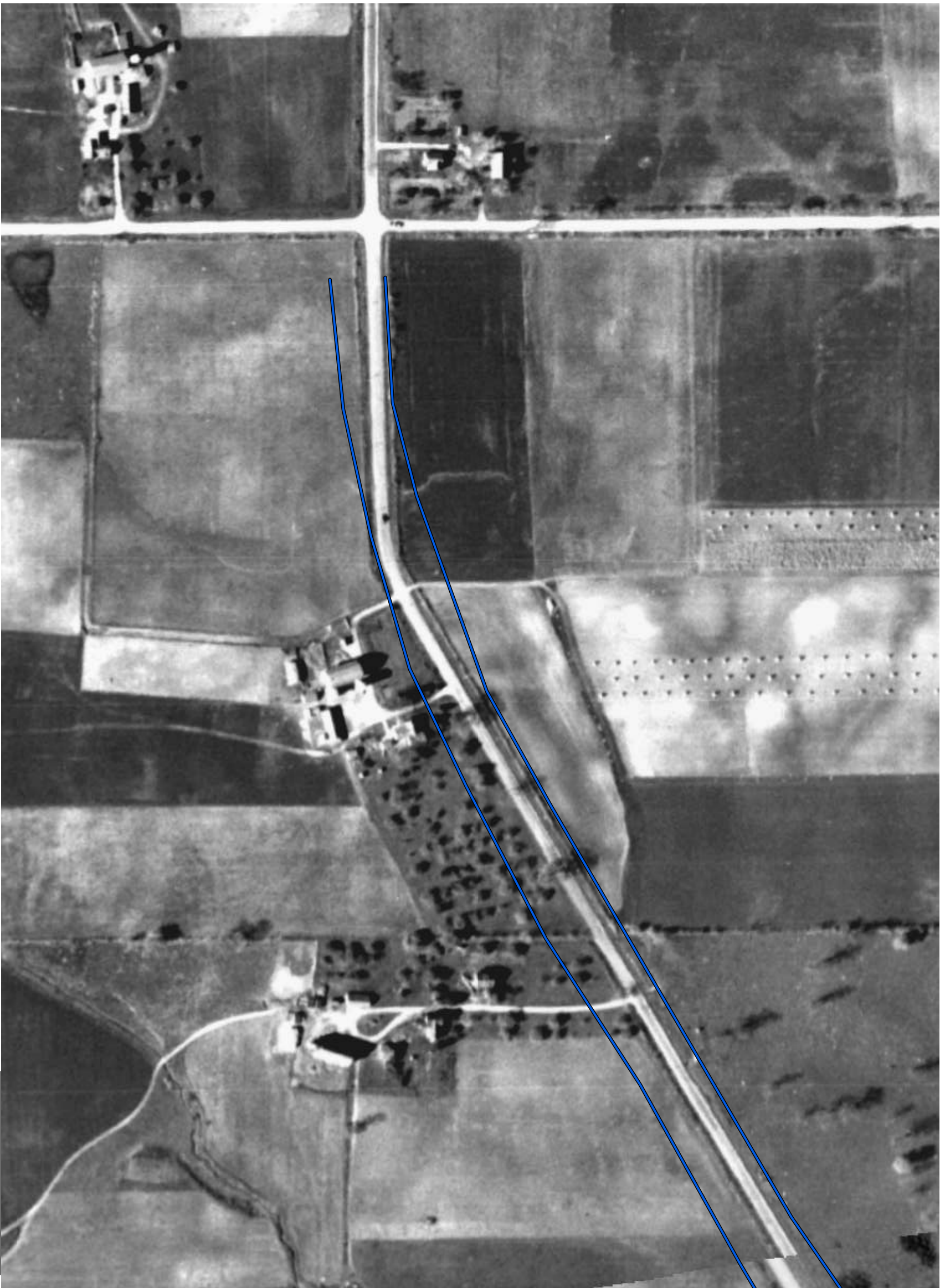
1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY
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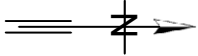
SHEET 105 OF 118

SURVEY CORRIDOR

NOTES

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1" = 200'

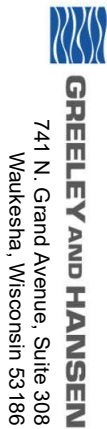


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Great Lakes Water Supply Program

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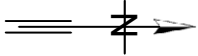
SHEET 106 OF 118

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1" = 200'



Waukesha, Wisconsin

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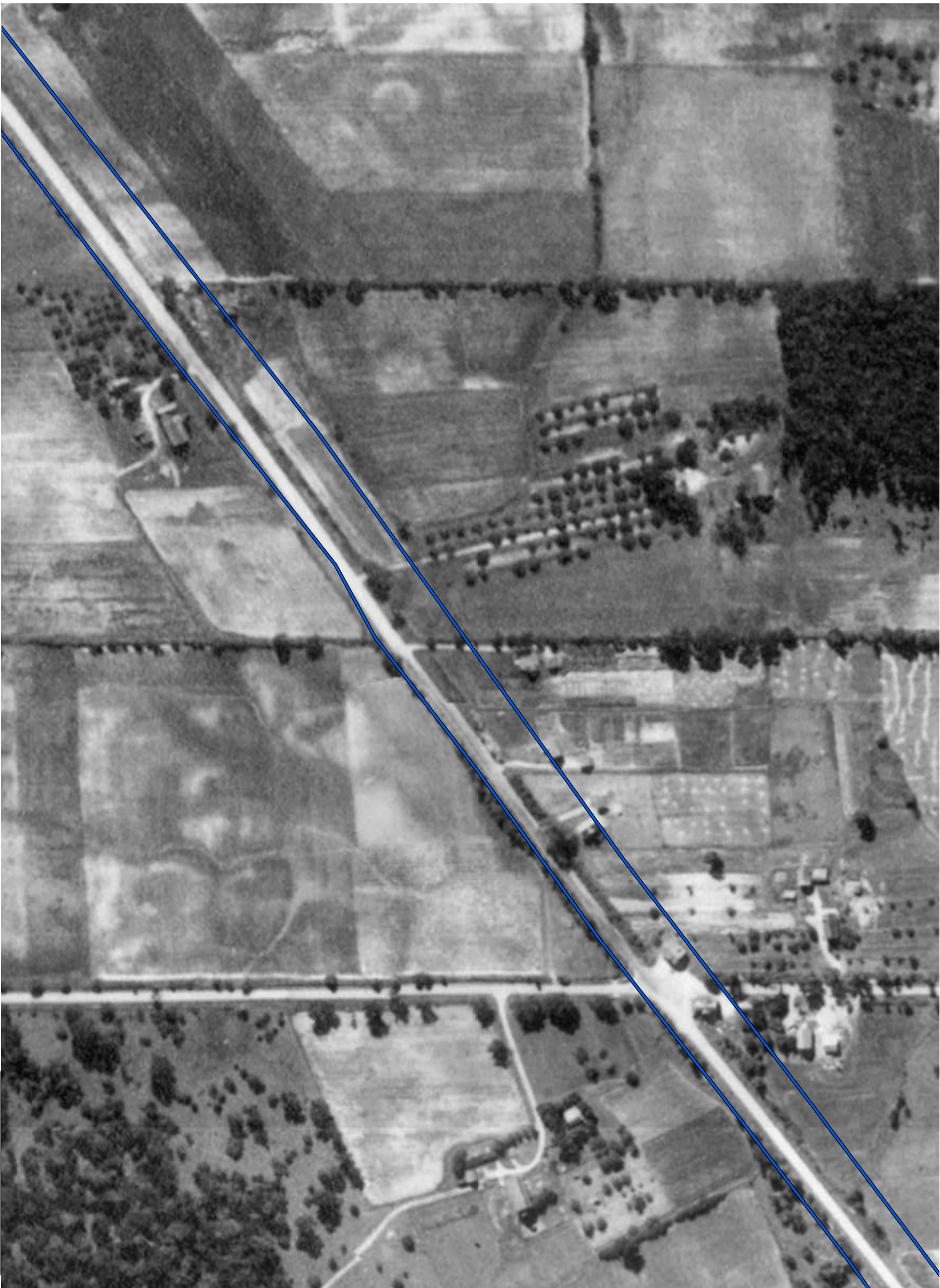


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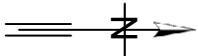
SHEET 107 OF 118

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1" = 200'



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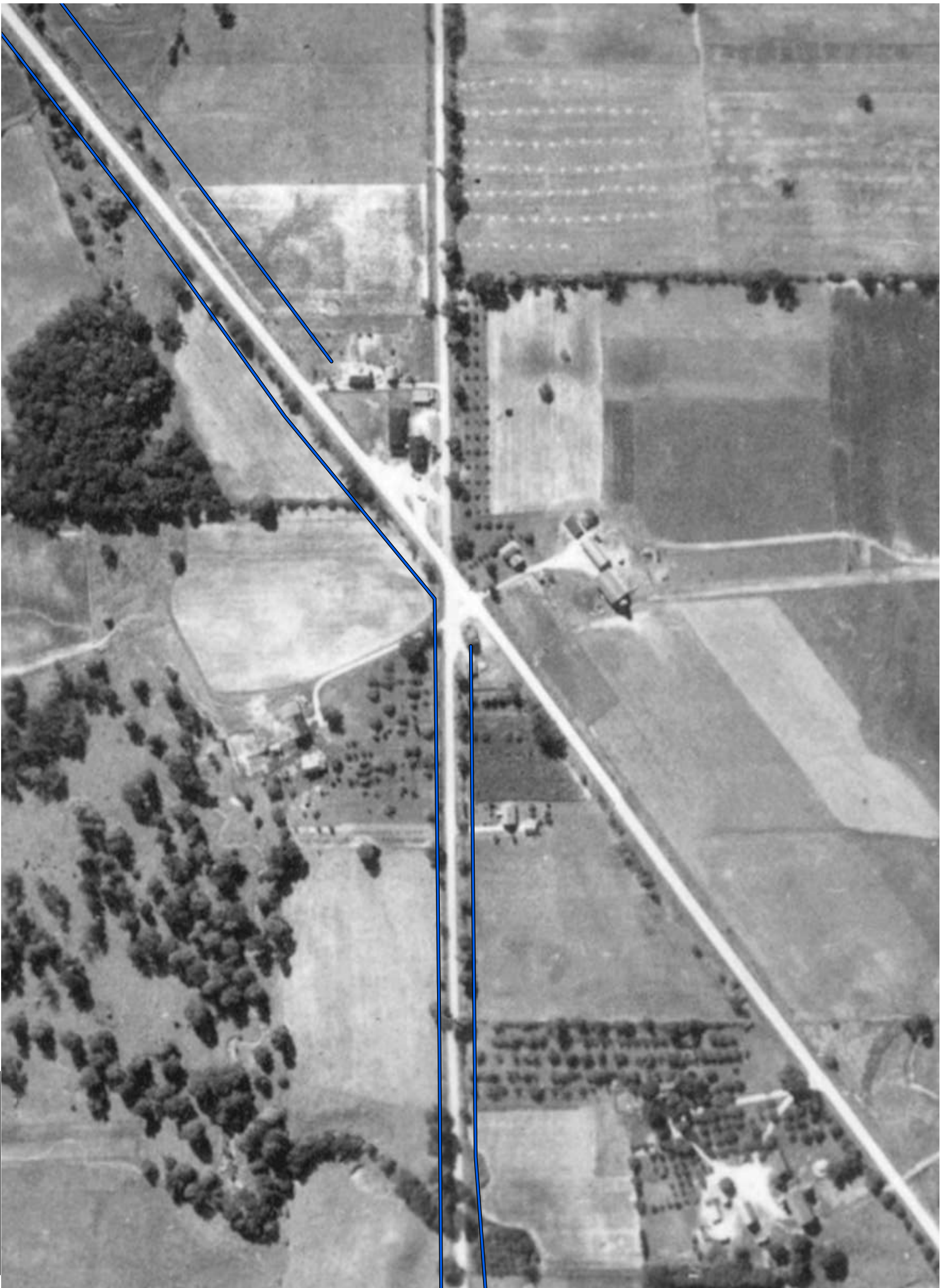
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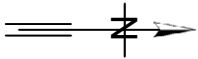
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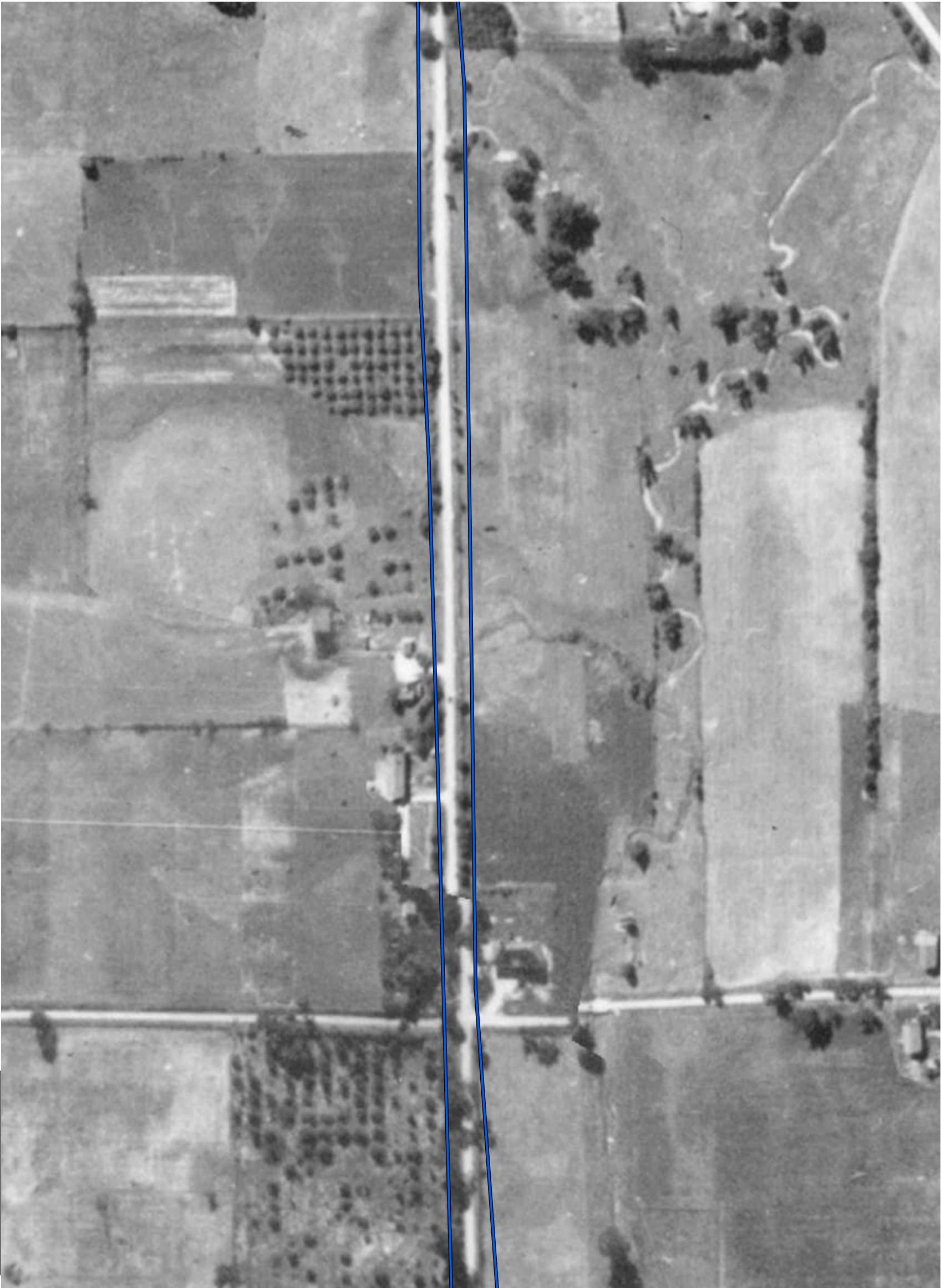


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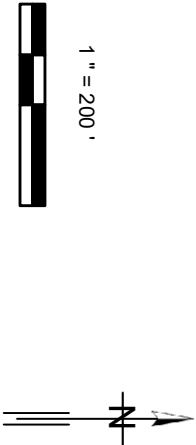
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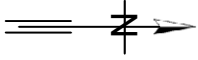
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NOTES

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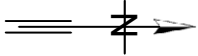



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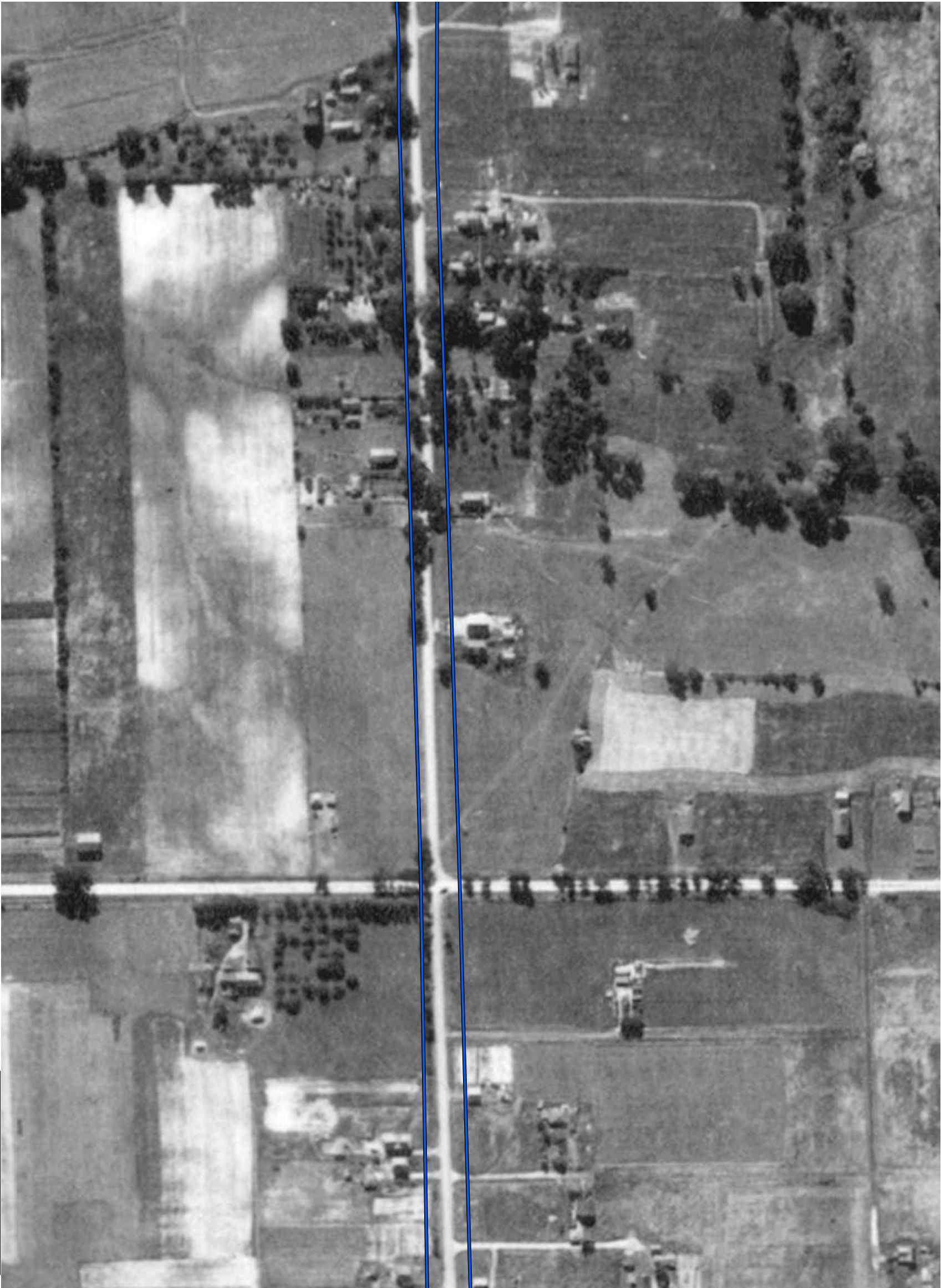

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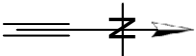


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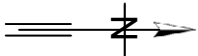
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Great Lakes Water Supply Program

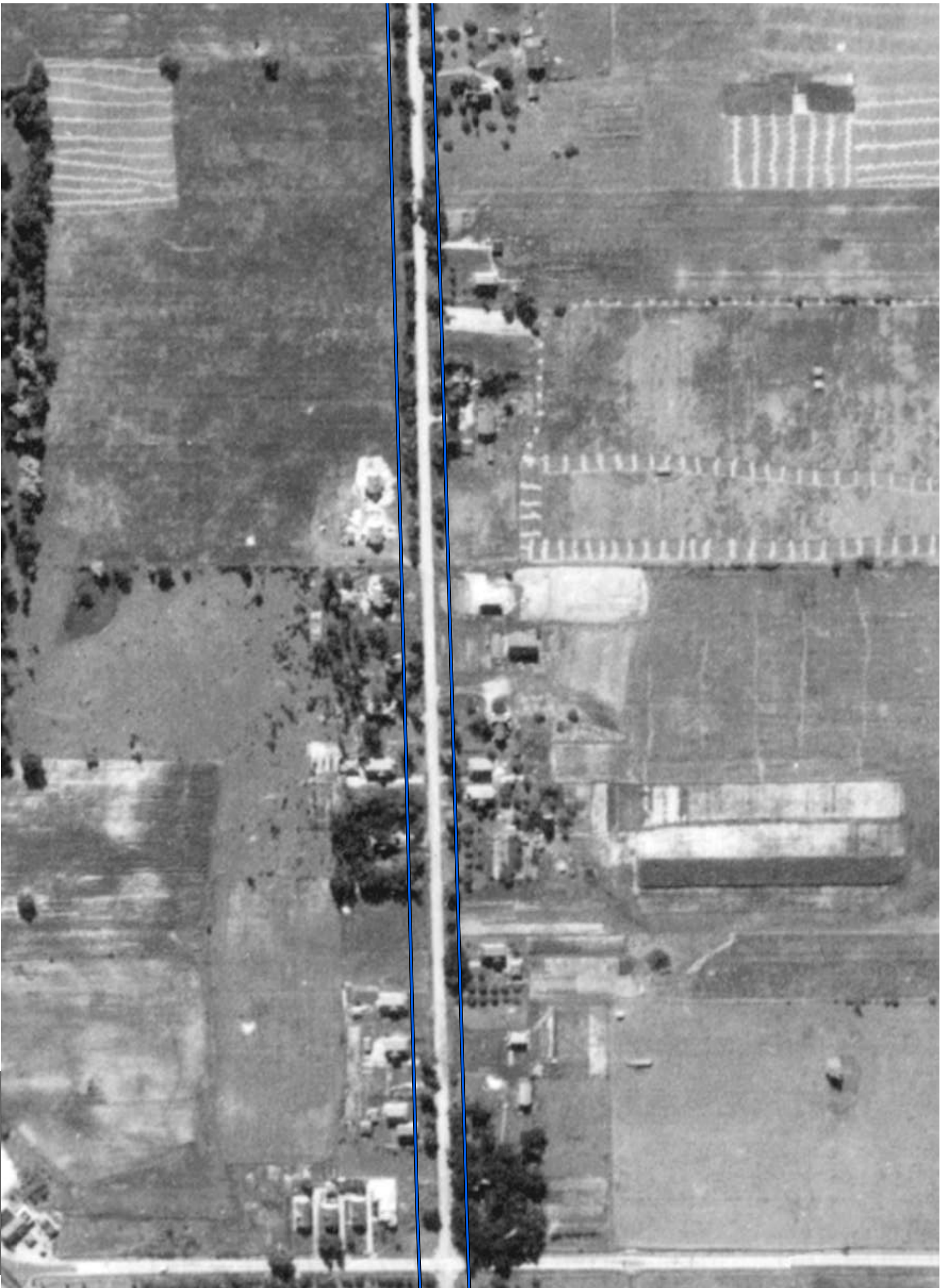
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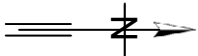
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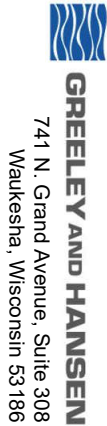


Waukesha, Wisconsin

Great Lakes Water Supply Program

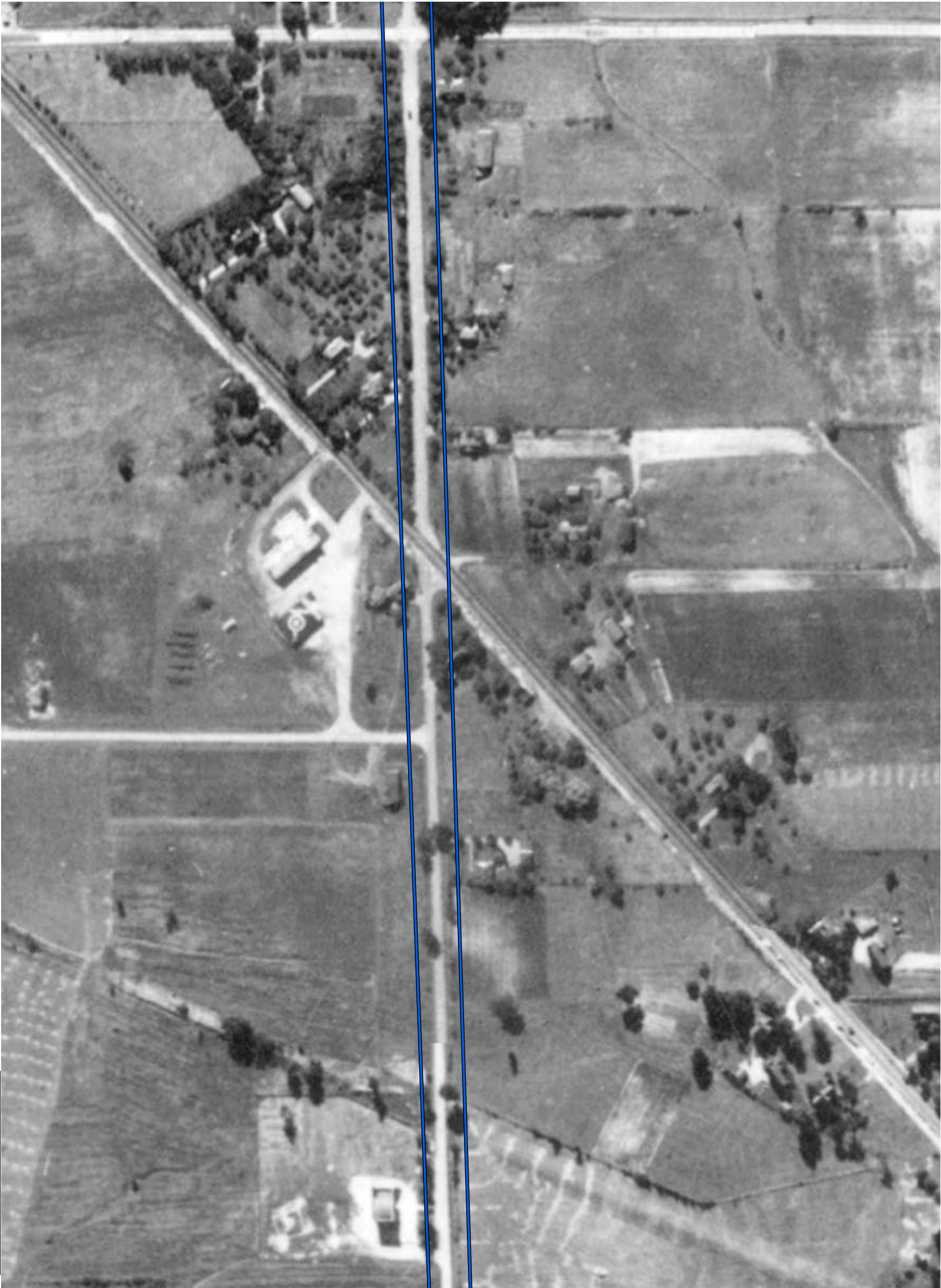
**PHASE I ARCHAEOLOGICAL
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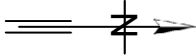
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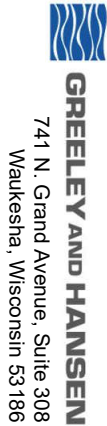


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LEGEND

EXHIBIT A

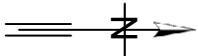
SHEET 116 OF 118

SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



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**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



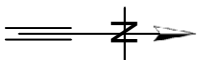
LEGEND

 SURVEY CORRIDOR

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

1" = 200'



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PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY

Date: 4/25/2019



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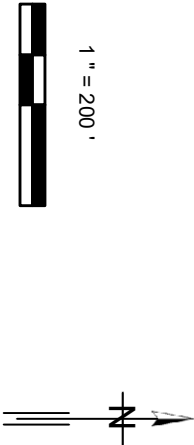


EXHIBIT A
SHEET 118 OF 118

- LEGEND**
- SURVEY CORRIDOR
 - CEMETERY

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 1937 AND WAUKESHA COUNTY LAND INFORMATION DEPARTMENT, 1941.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.



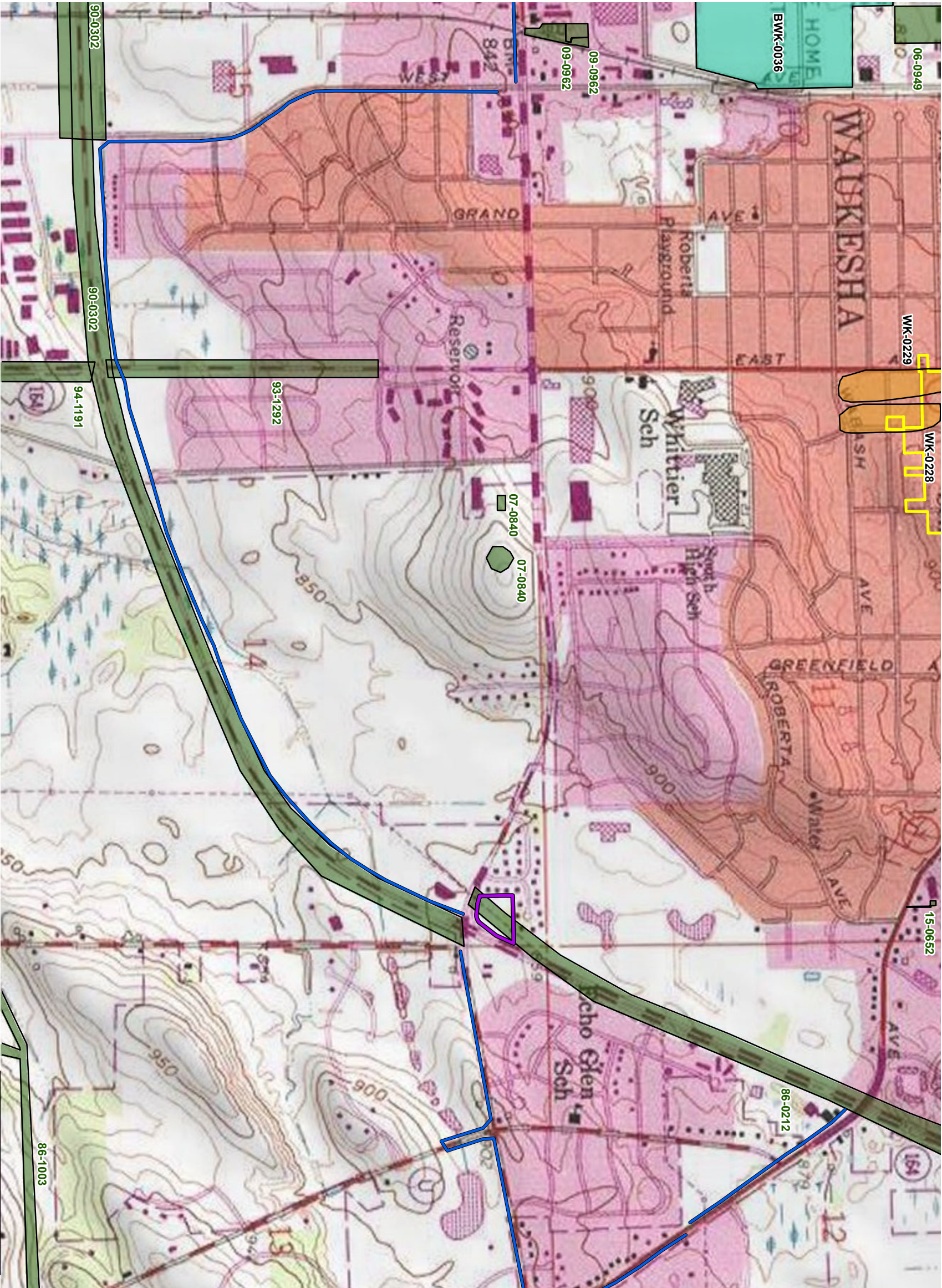
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**PHASE I ARCHAEOLOGICAL
SURVEY HISTORICAL IMAGERY**
Date: 4/25/2019



LEGEND

SURVEY CORRIDOR

SURVEY PARCEL

ARCHAEOLOGICAL SITE

CEMETERY

PREVIOUS ARCHAEOLOGICAL SURVEY

HISTORIC DISTRICT

EXHIBIT A
SHEET 2 OF 19

NOTES

1. BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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PHASE I ARCHAEOLOGICAL
SURVEY - WHPD MAP
Date: 4/25/2019

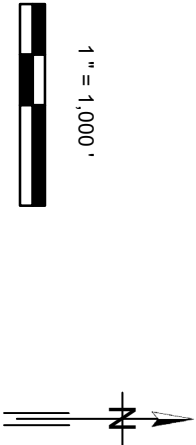


EXHIBIT A
SHEET 3 OF 19

- LEGEND**
- SURVEY CORRIDOR
 - SURVEY PARCEL
 - ARCHAEOLOGICAL SITE
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

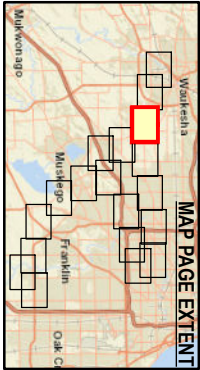
1. BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.



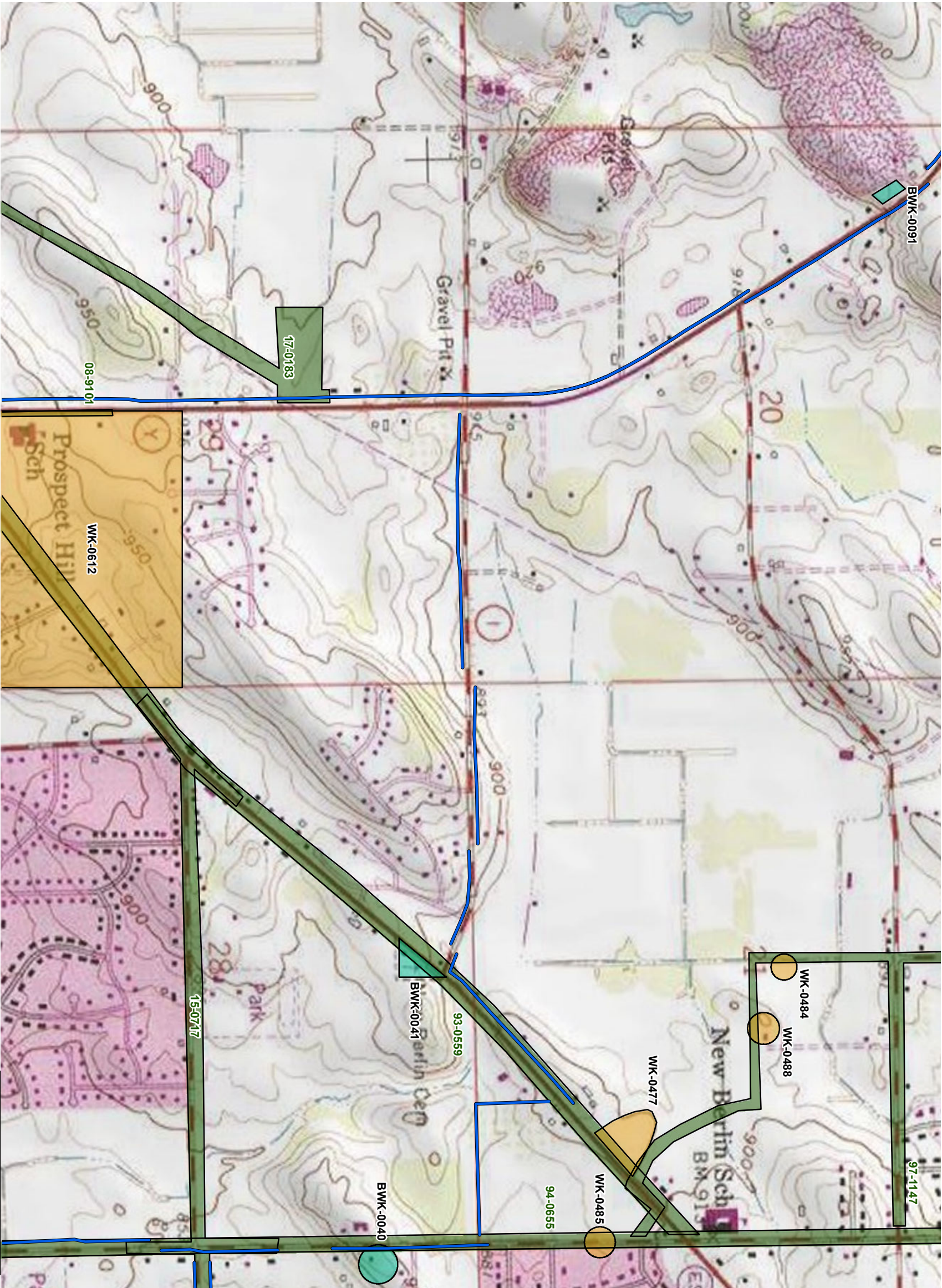
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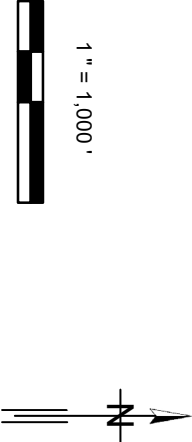
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY - WHPD MAP
Date: 4/25/2019



- LEGEND**
- SURVEY CORRIDOR
 - ARCHAEOLOGICAL SITE
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

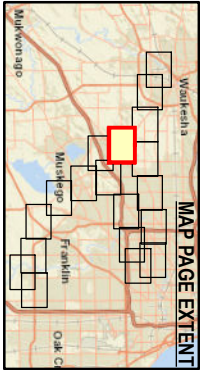
1. BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.



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Date: 4/25/2019

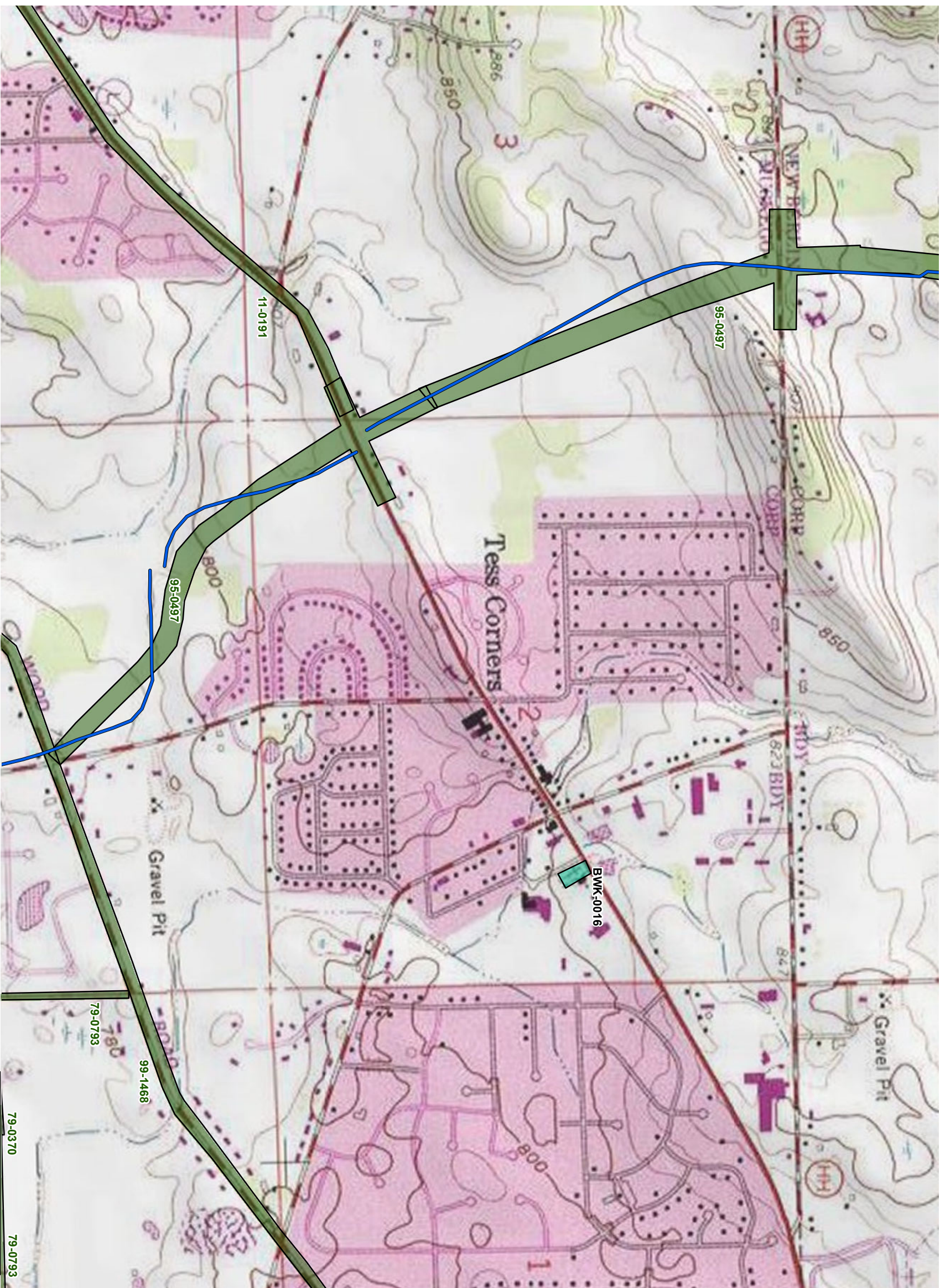
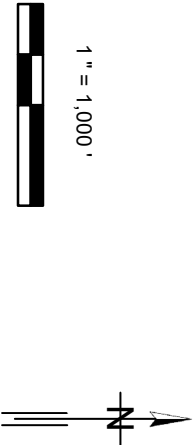


EXHIBIT A
SHEET 7 OF 19

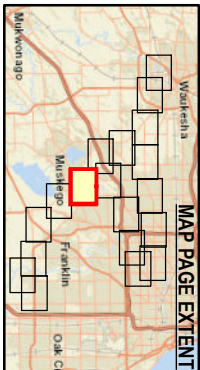
- LEGEND**
- SURVEY CORRIDOR
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

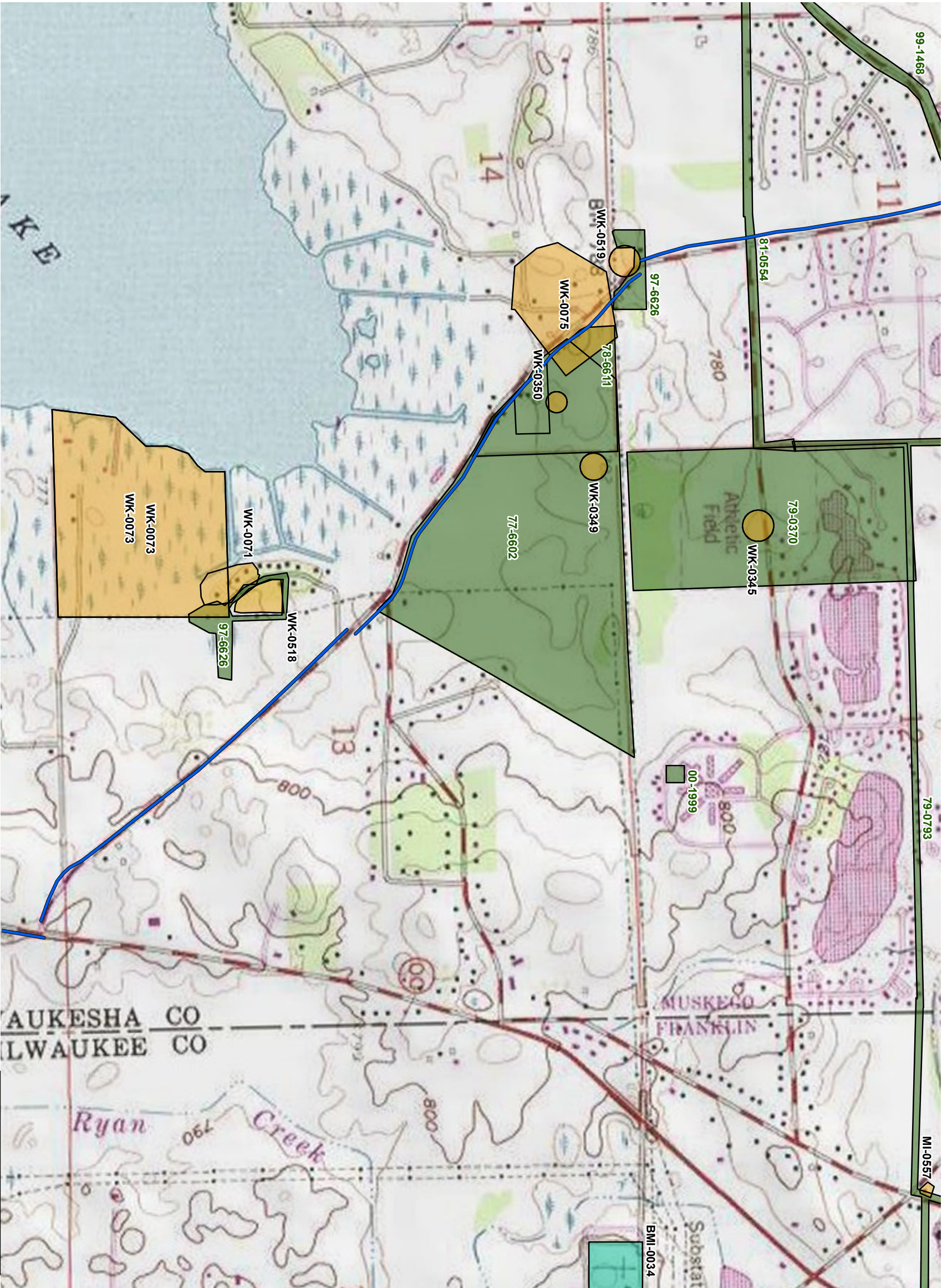
1. BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.



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PHASE I ARCHAEOLOGICAL SURVEY - WHPD MAP
Date: 4/25/2019



LEGEND

SURVEY CORRIDOR

ARCHAEOLOGICAL SITE

CEMETERY

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A

SHEET 8 OF 19

NOTES

1. BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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PHASE I ARCHAEOLOGICAL
SURVEY - WHPD MAP
Date: 4/25/2019



EXHIBIT A
SHEET 9 OF 19

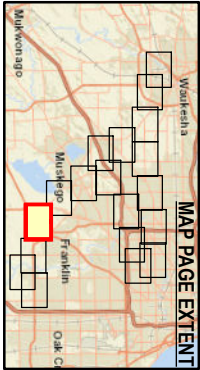
- LEGEND**
- SURVEY CORRIDOR
 - ARCHAEOLOGICAL SITE
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

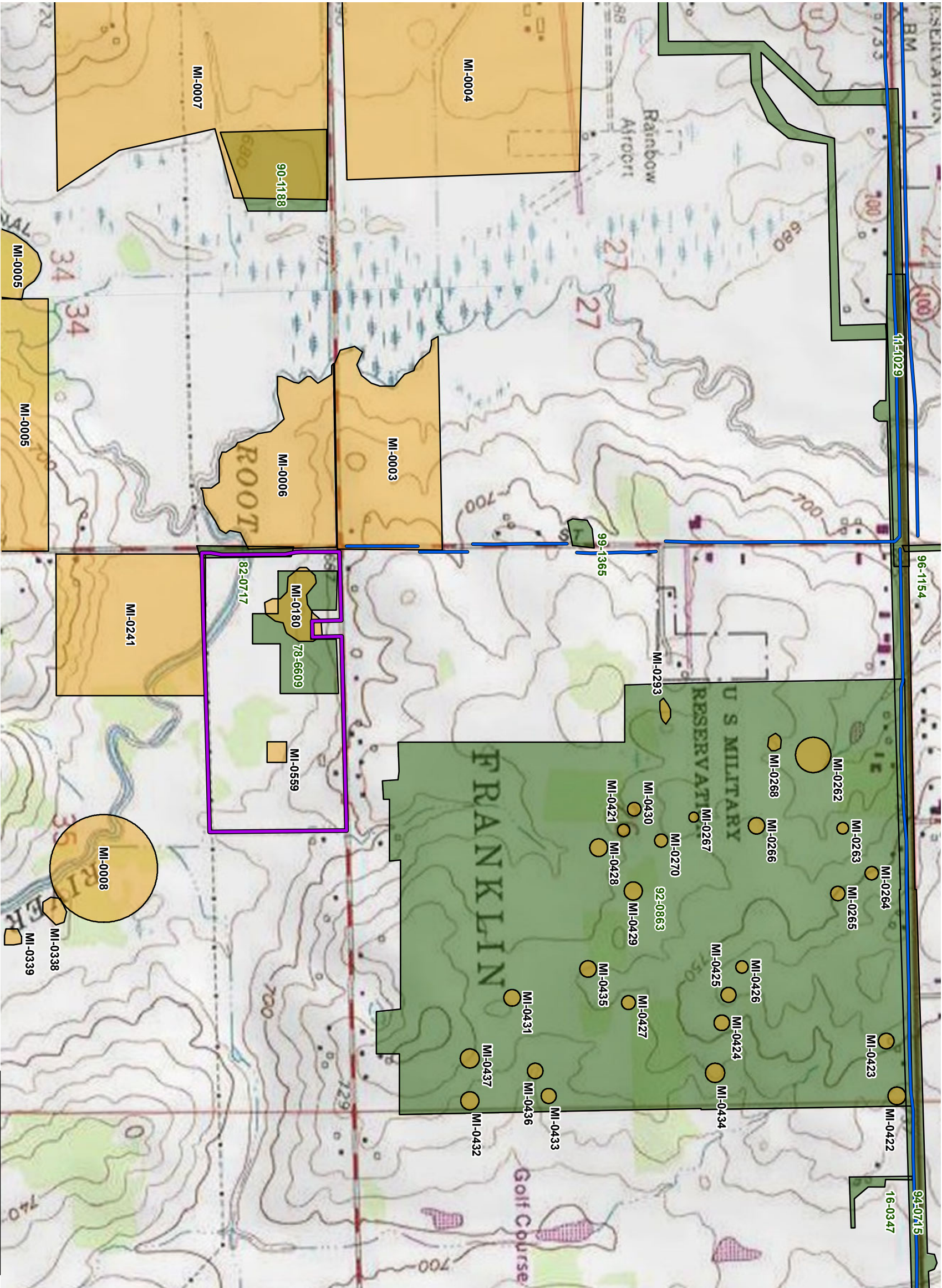
1. BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.



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PHASE I ARCHAEOLOGICAL SURVEY - WHPD MAP
Date: 4/25/2019



LEGEND

SURVEY CORRIDOR

SURVEY PARCEL

ARCHAEOLOGICAL SITE

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A
SHEET 12 OF 19

NOTES

1. BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY - WHPD MAP
Date: 4/25/2019

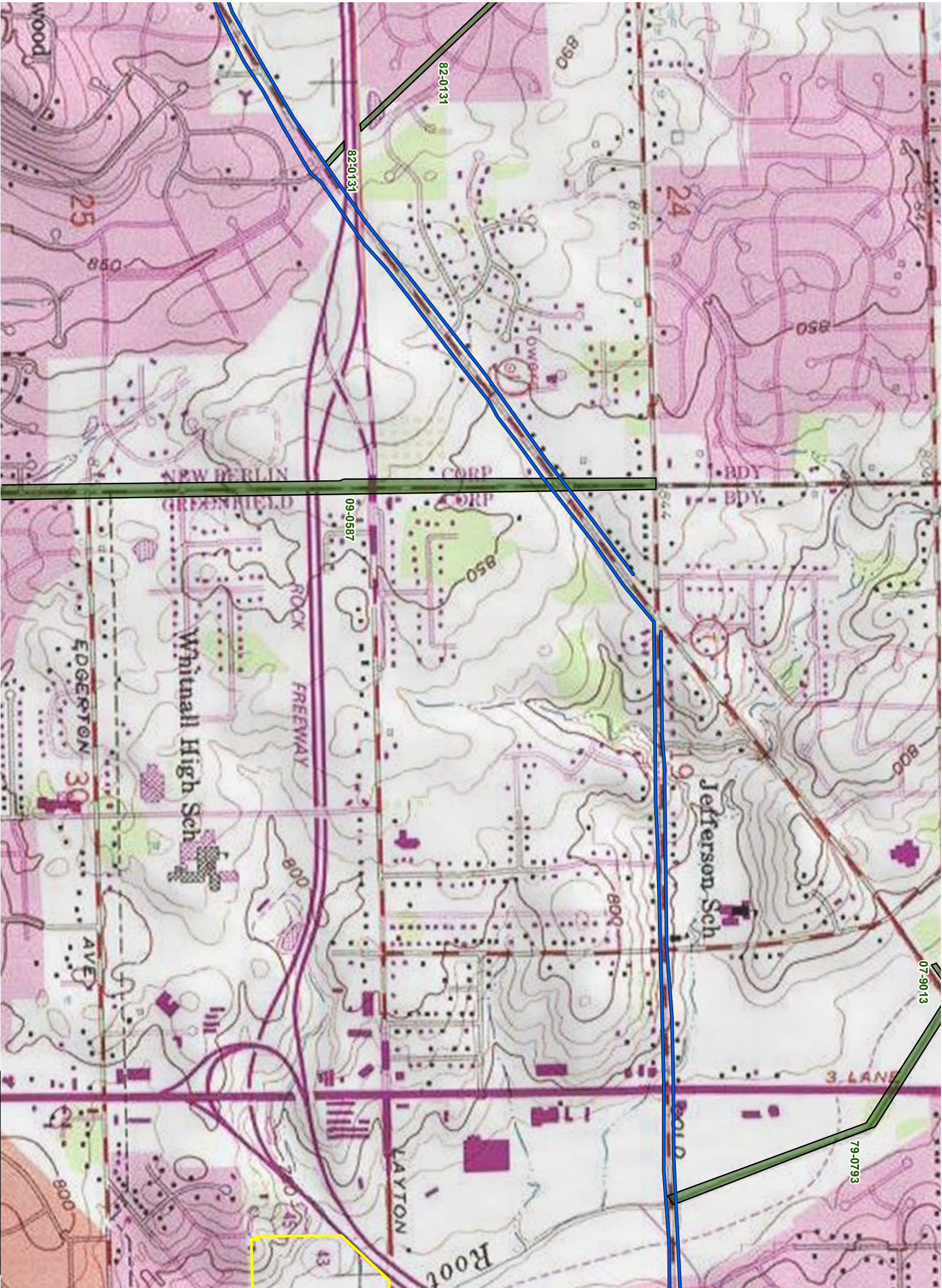


EXHIBIT A
SHEET 17 OF 19

- LEGEND**
- SURVEY CORRIDOR
 - PREVIOUS ARCHAEOLOGICAL SURVEY
 - HISTORIC DISTRICT

NOTES

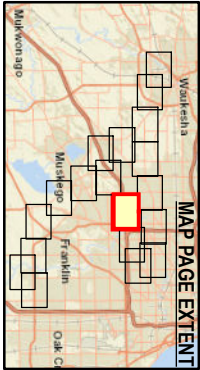
1. BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.



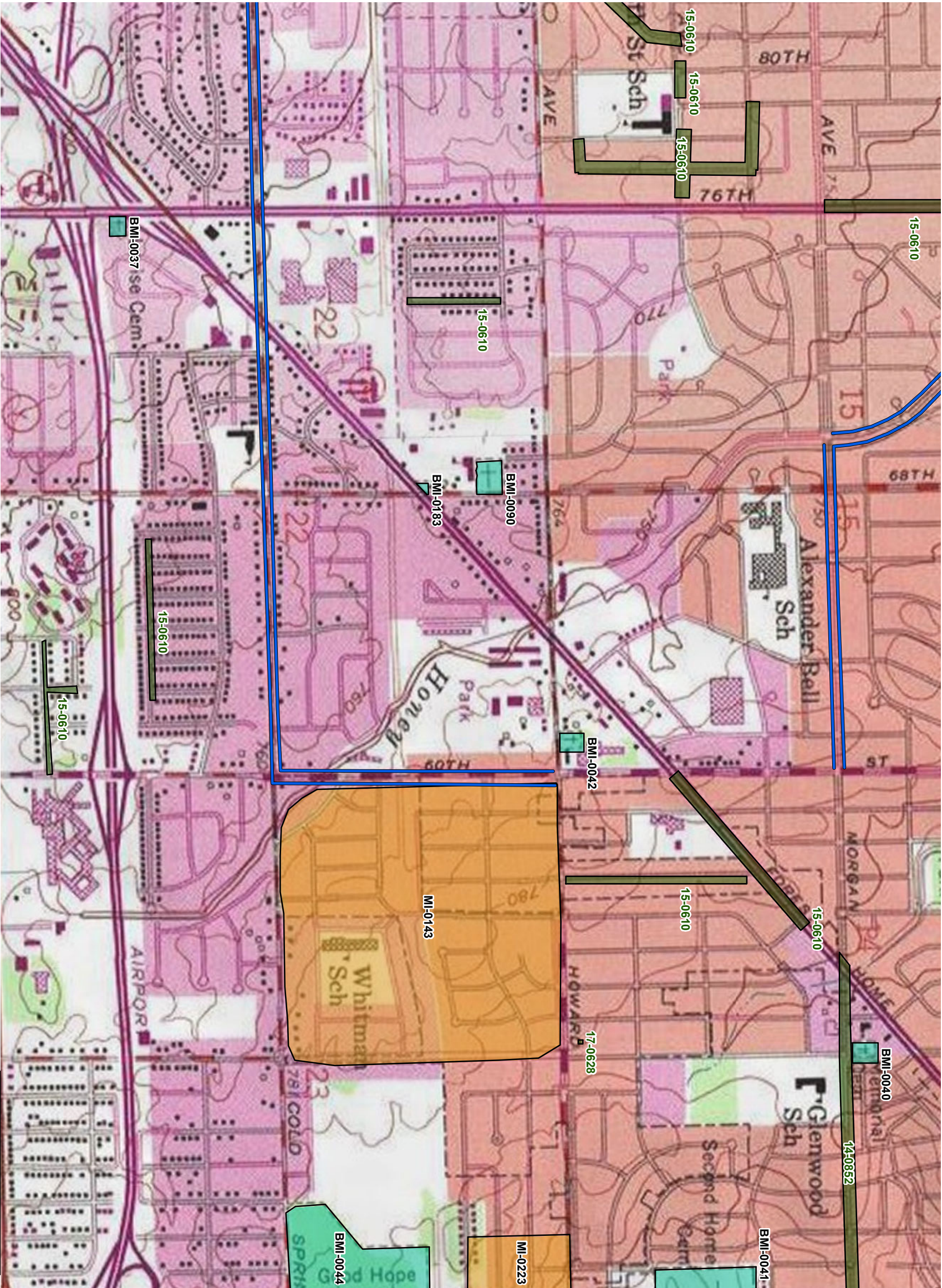
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PHASE I ARCHAEOLOGICAL SURVEY - WHPD MAP
Date: 4/25/2019

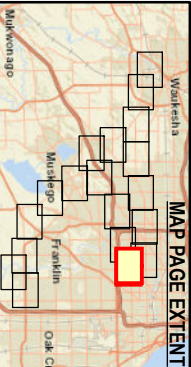


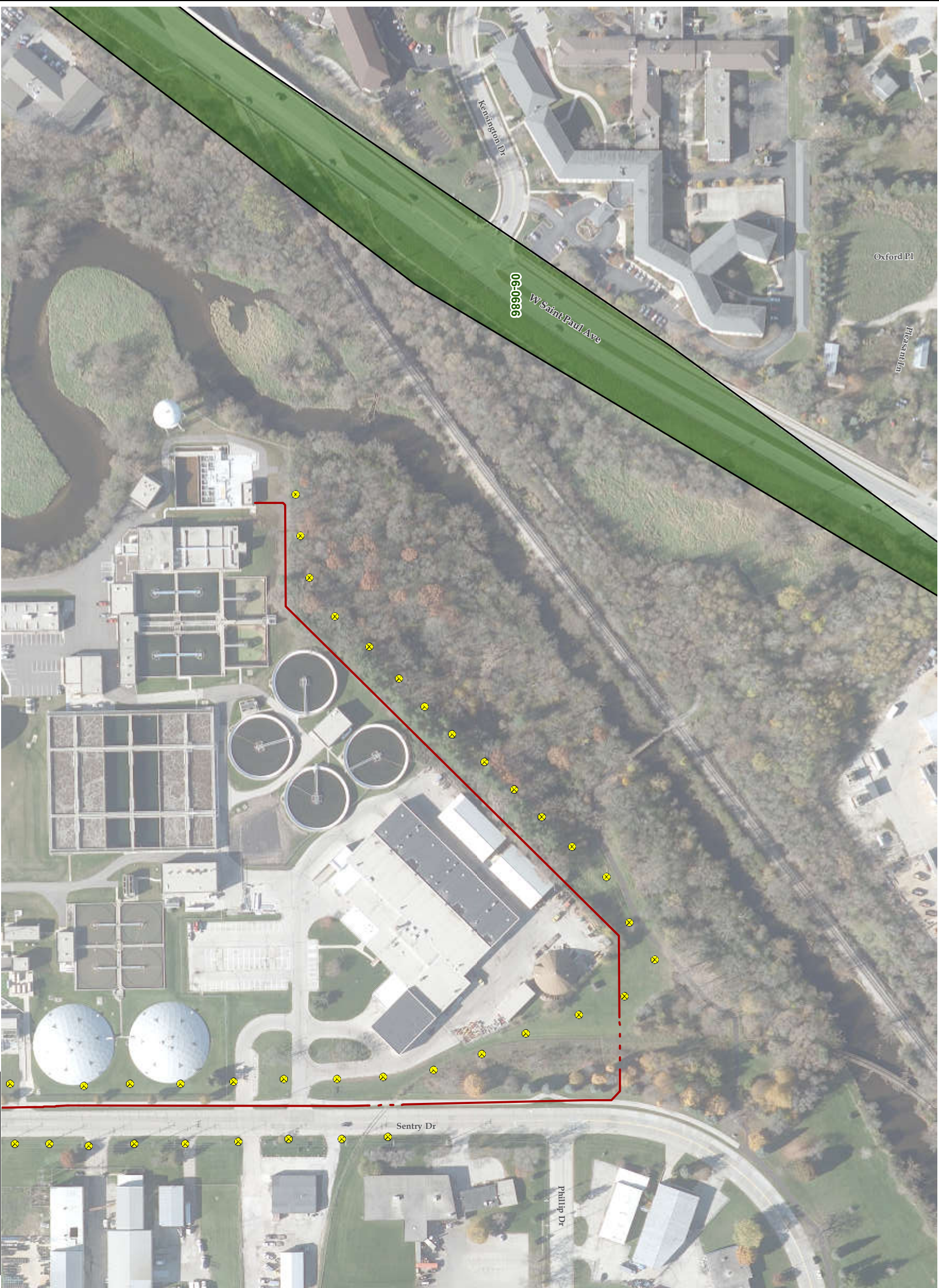
- LEGEND**
- SURVEY CORRIDOR
 - ARCHAEOLOGICAL SITE
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES**
- BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.
 - CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.



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LEGEND

SHOVEL TEST - 15 M INTERVAL

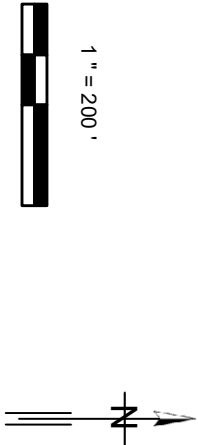
RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



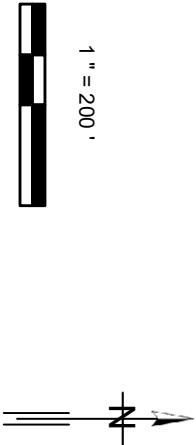
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- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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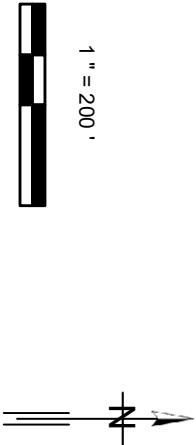
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 3 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
 3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



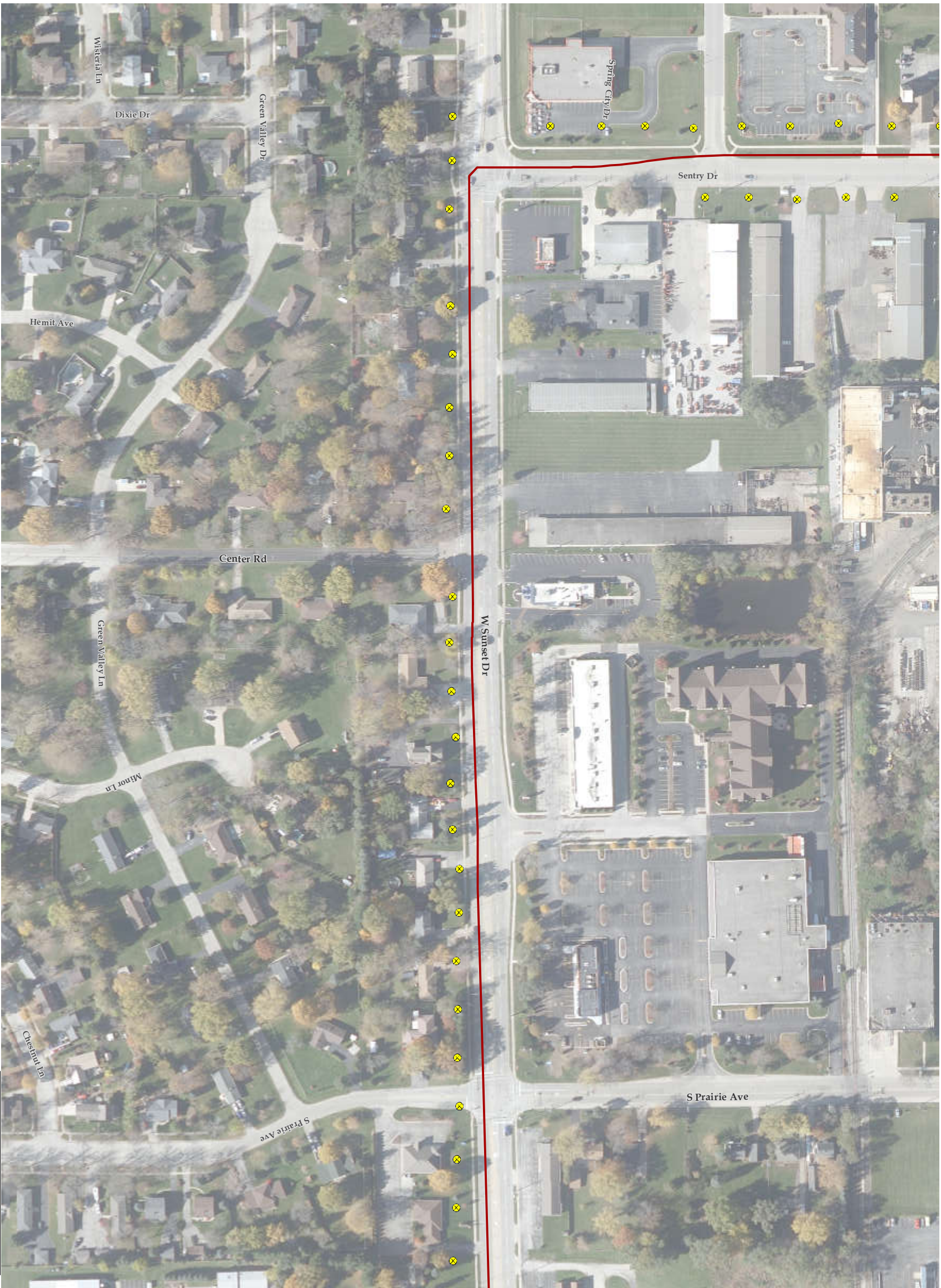
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

 SHOVEL TEST - 15 M INTERVAL

 RETURN FLOW PIPELINE

EXHIBIT A
SHEET 4 OF 118

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.





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PHASE I ARCHAEOLOGICAL
SURVEY MAP

Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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LEGEND

 SHOVEL TEST - 15 M INTERVAL

 RETURN FLOW PIPELINE

EXHIBIT A

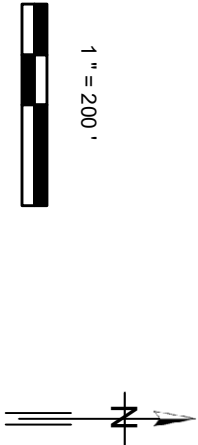
SHEET 6 OF 118

- NOTES
1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3.

SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.





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PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

LAND TOO WET TO SHOVEL TEST

RETURN FLOW PIPELINE

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A

SHEET 7 OF 118

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 8 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

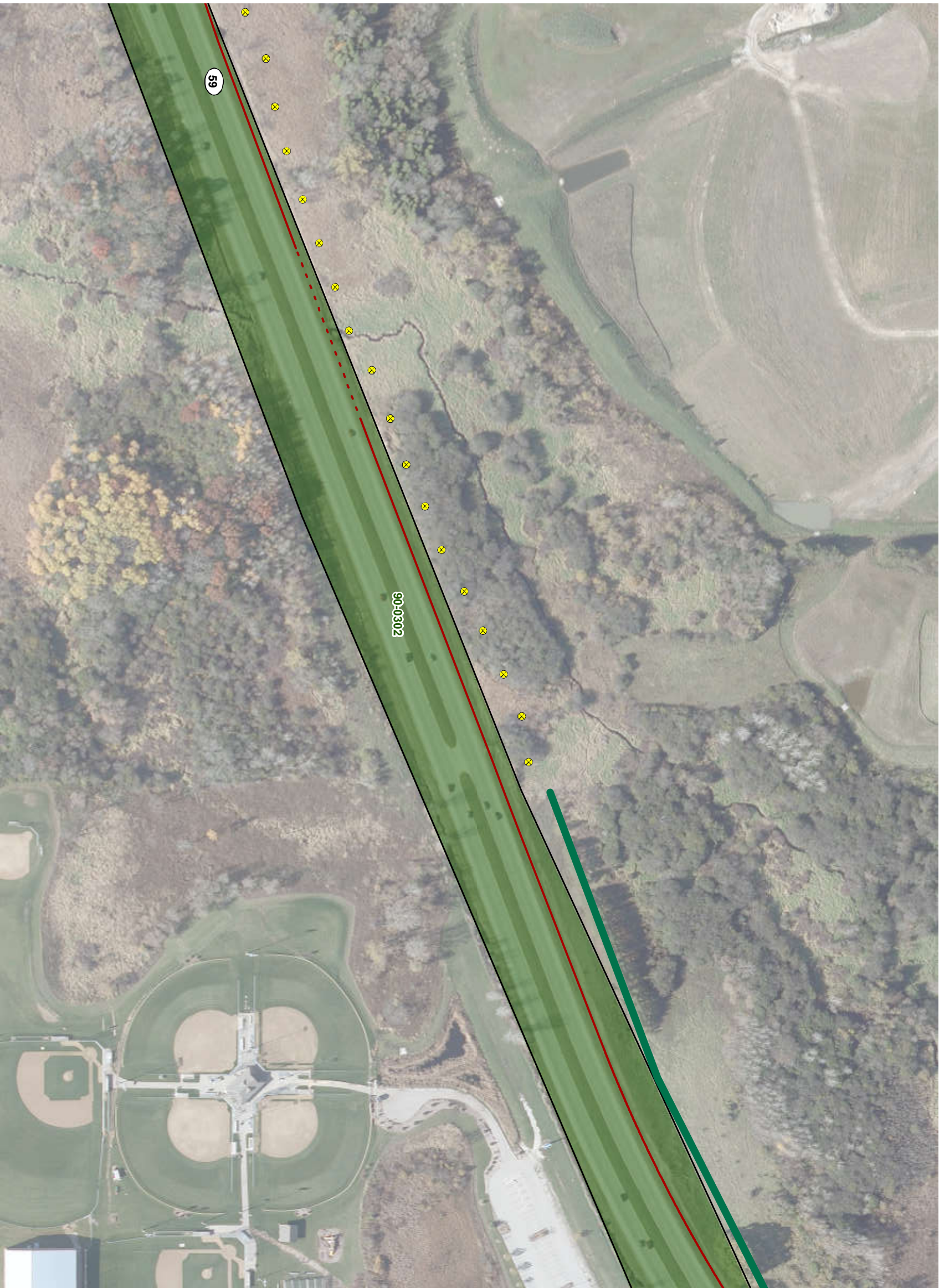


EXHIBIT A
SHEET 9 OF 118

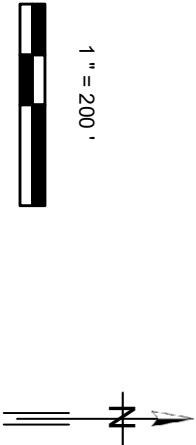
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- LAND TOO WET TO SHOVEL TEST
- RETURN FLOW PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

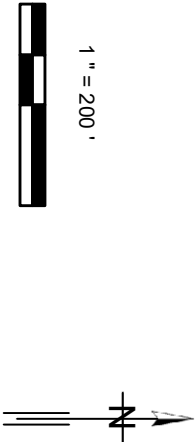


EXHIBIT A
SHEET 10 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

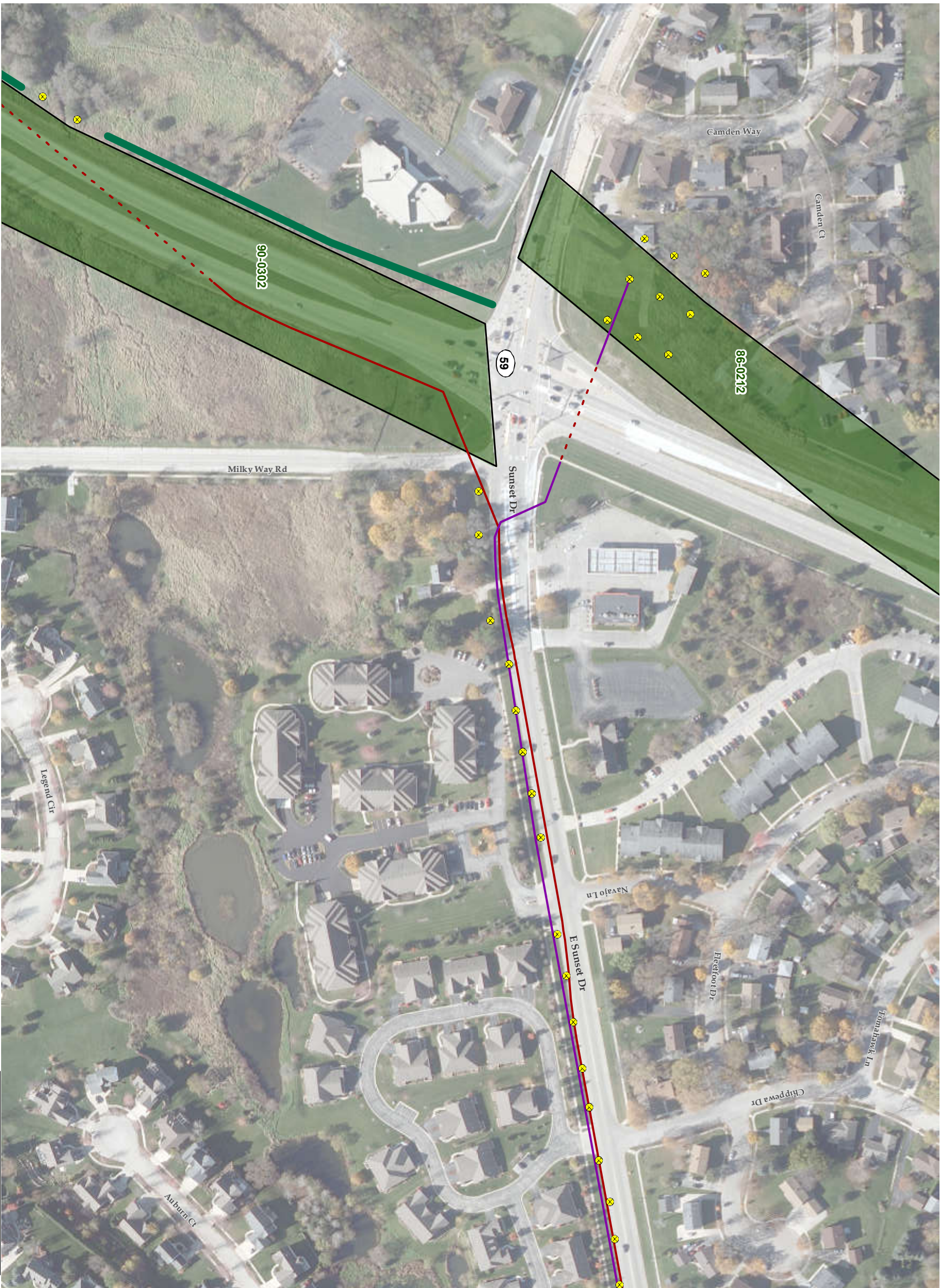
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

LAND TOO WET TO SHOVEL TEST

WATER SUPPLY PIPELINE

RETURN FLOW PIPELINE

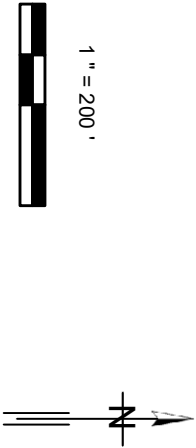
HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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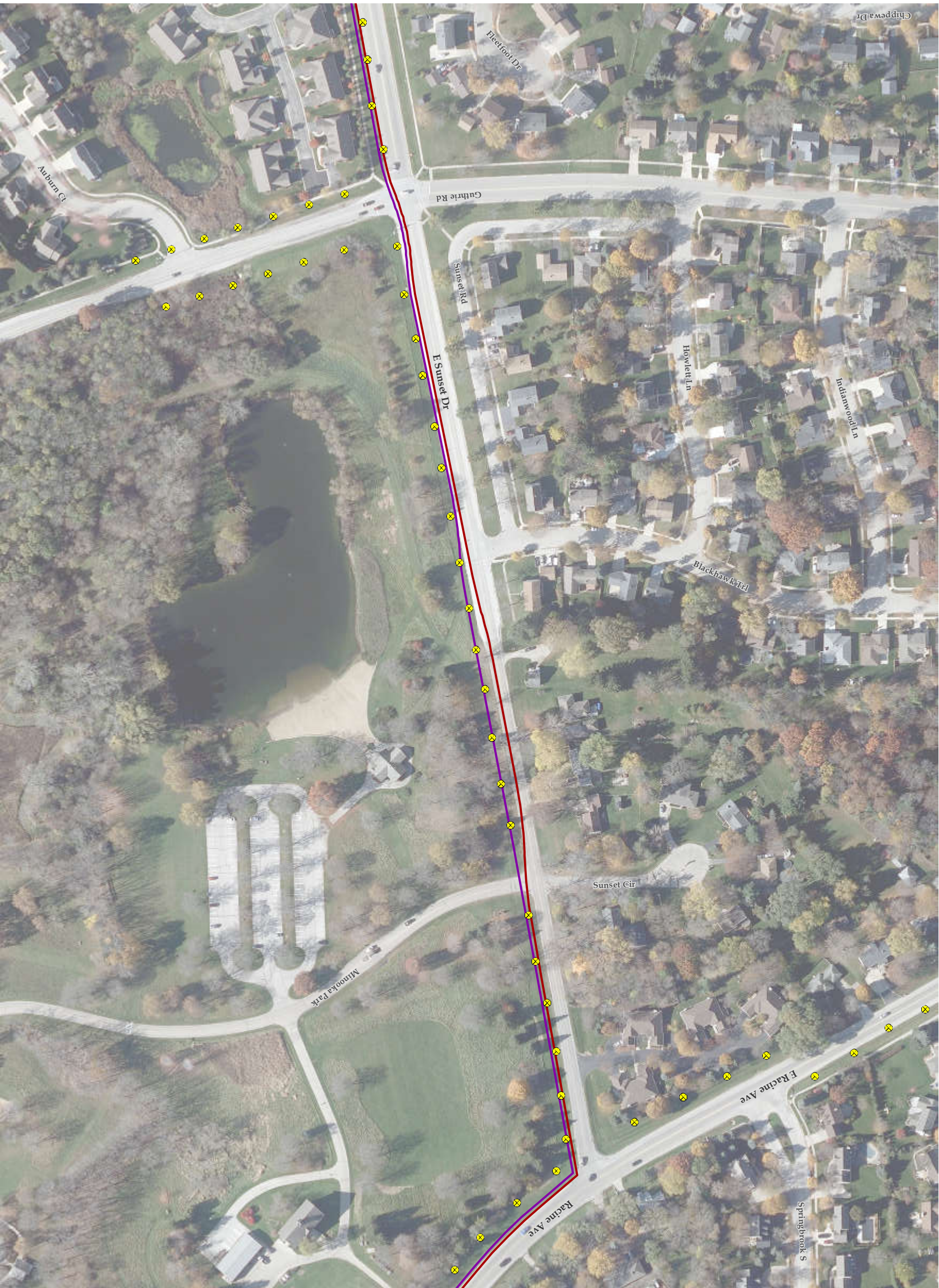
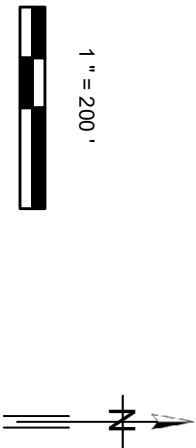


EXHIBIT A
SHEET 12 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - WATER SUPPLY PIPELINE
 - RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

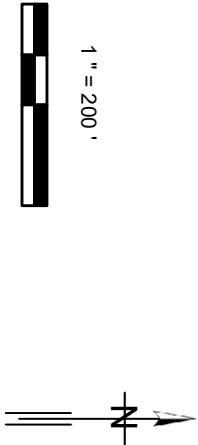
SHOVEL TEST - 15 M INTERVAL

WATER SUPPLY PIPELINE

RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

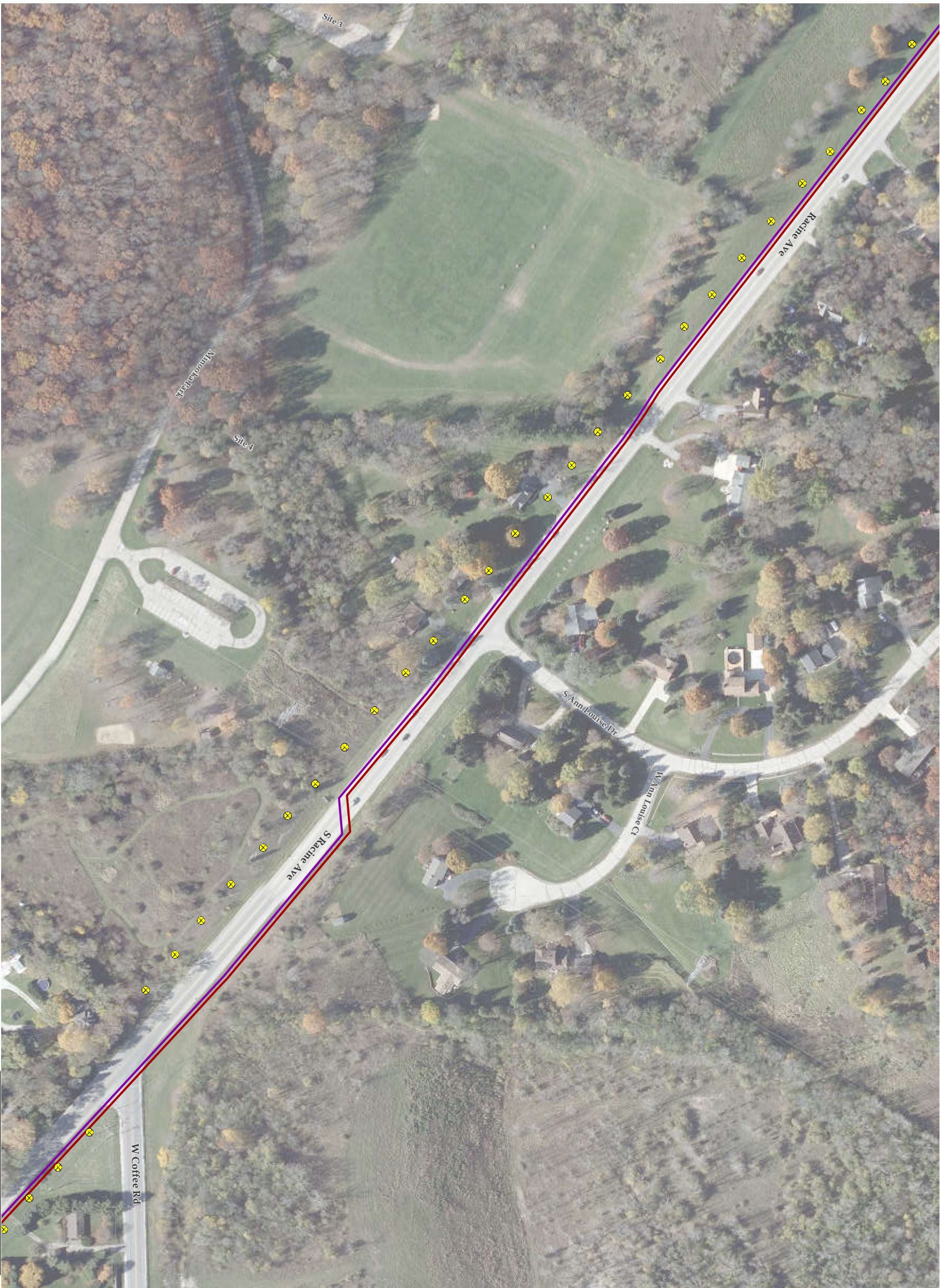
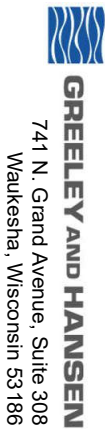
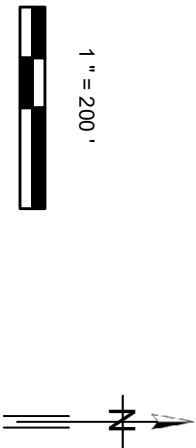


EXHIBIT A
SHEET 14 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - WATER SUPPLY PIPELINE
 - RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



- LEGEND

SHOVEL TEST - 15 M INTERVAL

SURVEY COMPLETED USING A COMBINATION OF SURFACE COLLECT AND SHOVEL TESTS

WATER SUPPLY PIPELINE

RETURN FLOW PIPELINE
- NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.
-
-
-
-
- DRAFT
-
- Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/25/2019

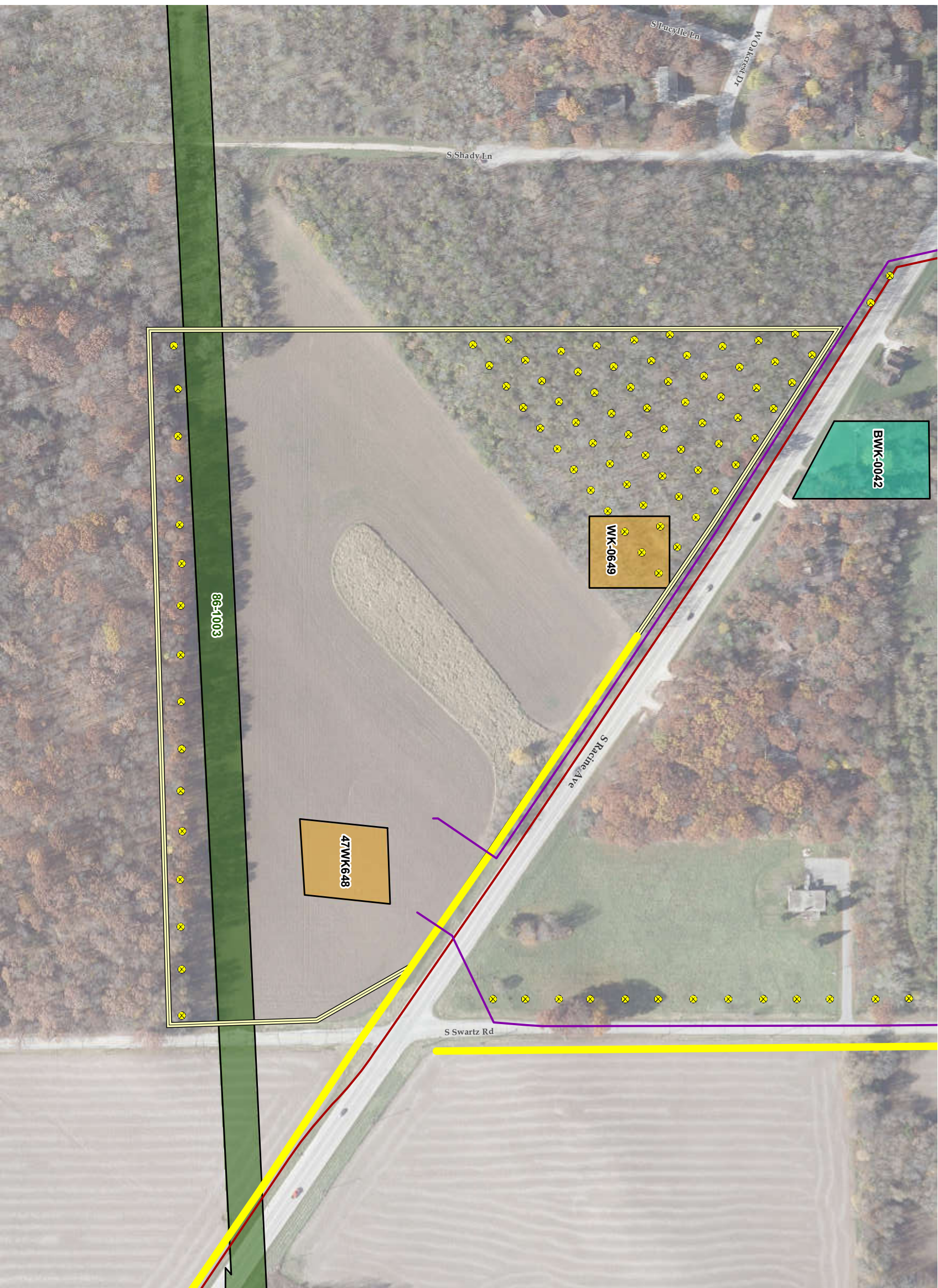
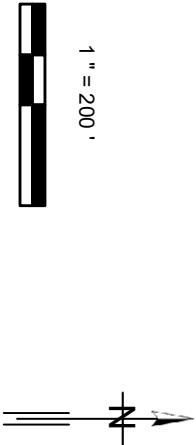


EXHIBIT A
SHEET 16 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - SURVEY COMPLETED USING A COMBINATION OF SURFACE COLLECT AND SHOVEL TESTS
 - WATER SUPPLY PIPELINE
 - RETURN FLOW PIPELINE
 - ARCHAEOLOGICAL SITE
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
 3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

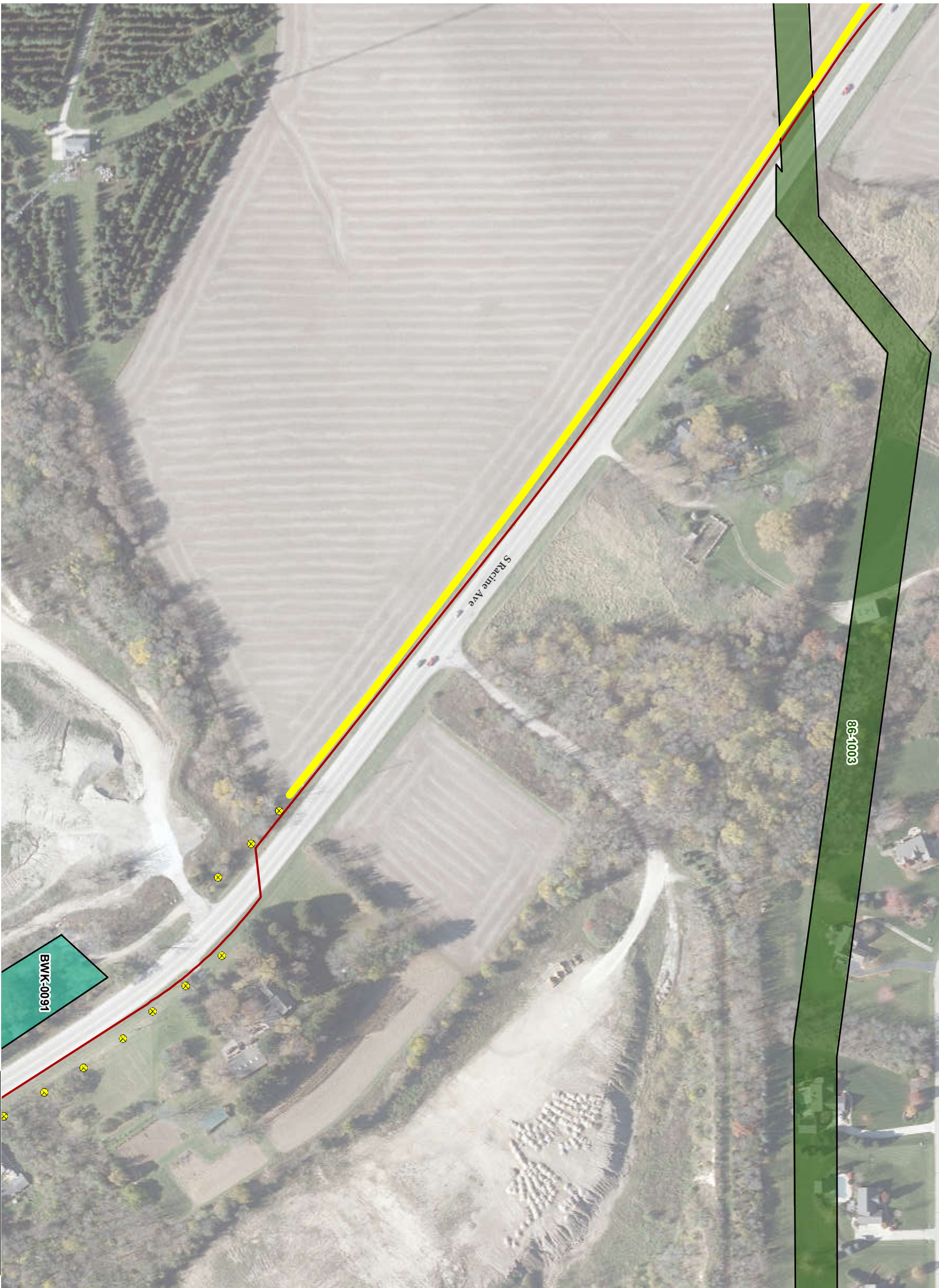


EXHIBIT A
SHEET 17 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 18 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE
 - CEMETERY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

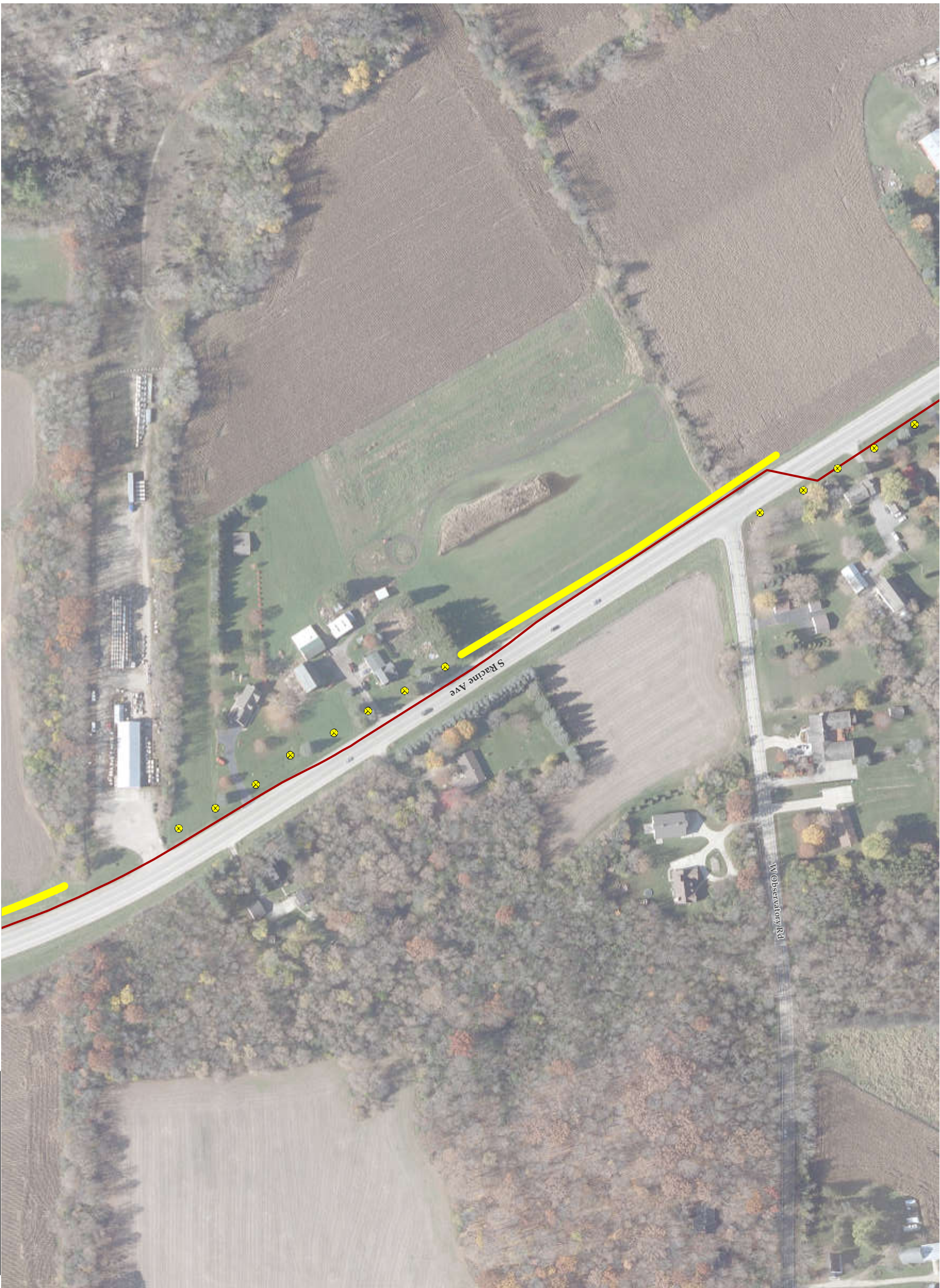


EXHIBIT A
SHEET 19 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

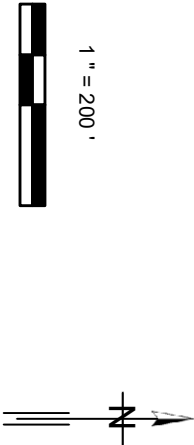


EXHIBIT A
SHEET 20 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 21 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

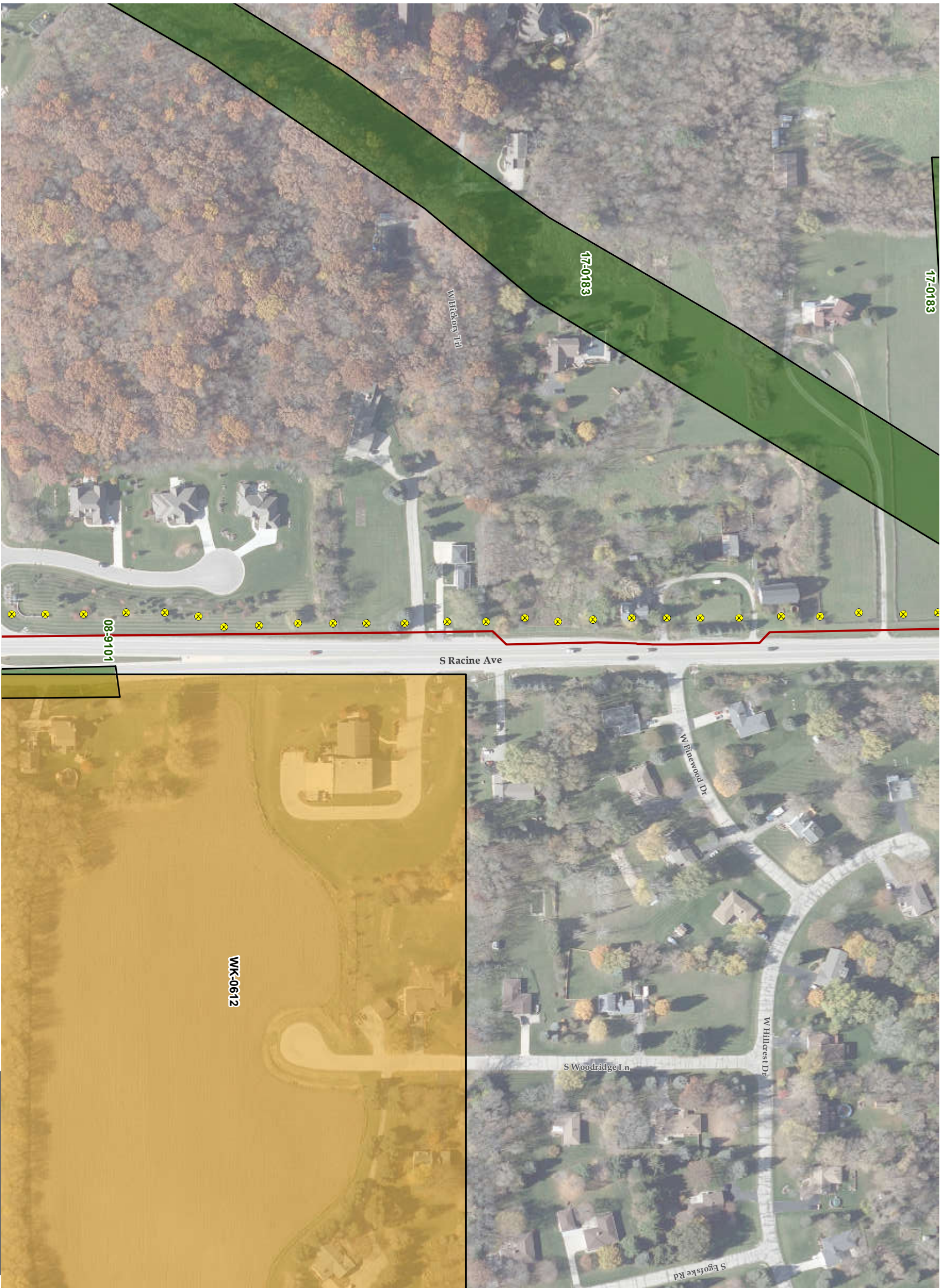
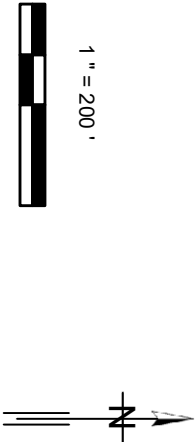


EXHIBIT A
SHEET 22 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - RETURN FLOW PIPELINE
 - ARCHAEOLOGICAL SITE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 23 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - RETURN FLOW PIPELINE
 - ARCHAEOLOGICAL SITE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

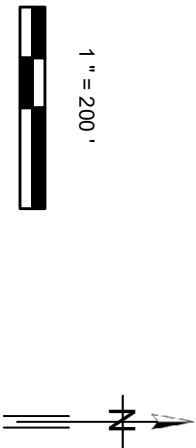


EXHIBIT A
SHEET 25 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT

NOTES

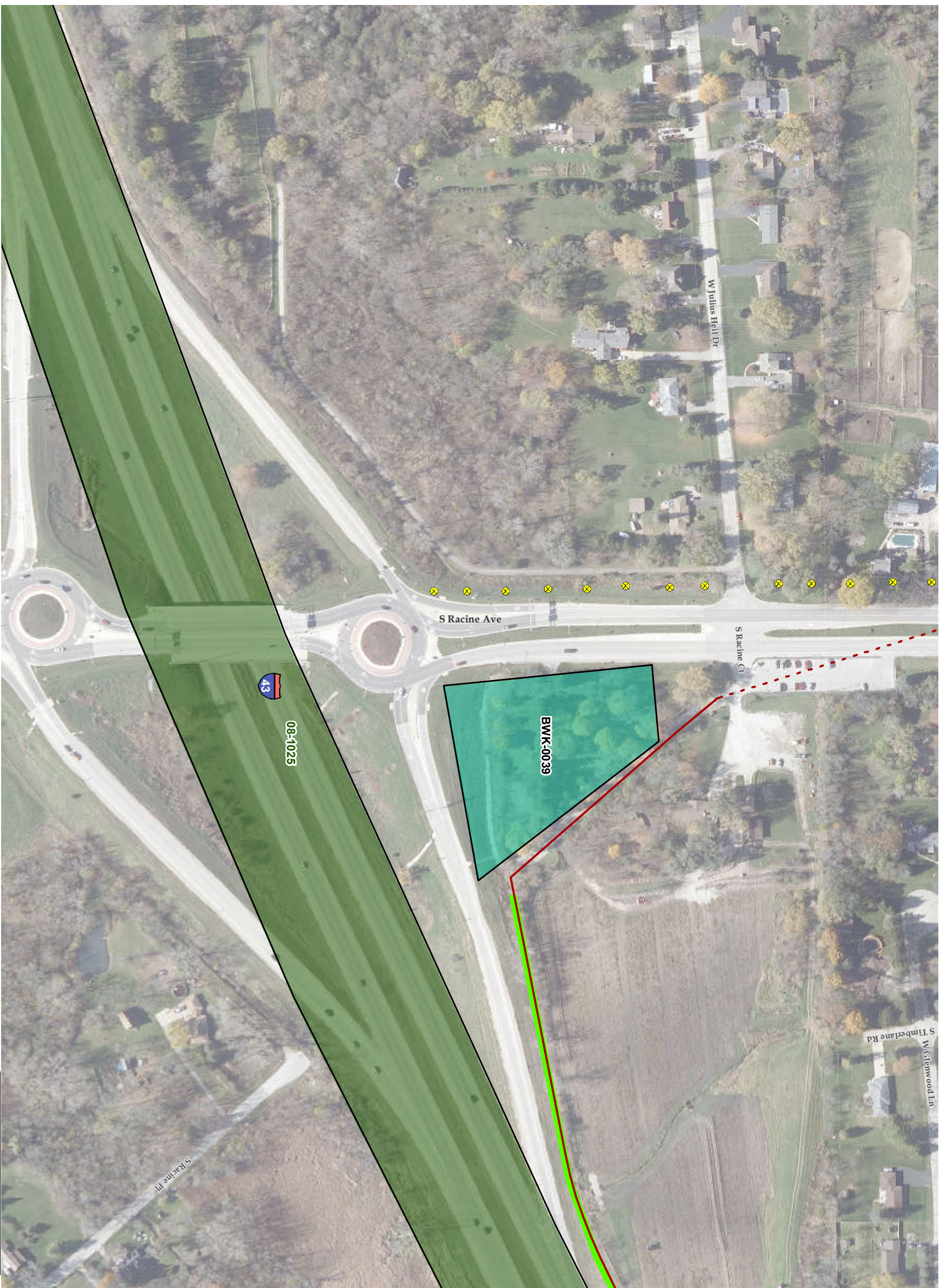
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019









LEGEND

EXHIBIT A

SHEET 26 OF 118

LEGEND

-  SHOVEL TEST - 15 M INTERVAL
 DISTURBED - ROAD BUILDUP
 RETURN FLOW PIPELINE
 HDD/JACK AND BORE SEGMENT
 CEMETERY
 PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL

SURVEY MAP

Date: 4/25/2019



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EXHIBIT A
SHEET 27 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - DISTURBED - ROAD BUILDUP
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

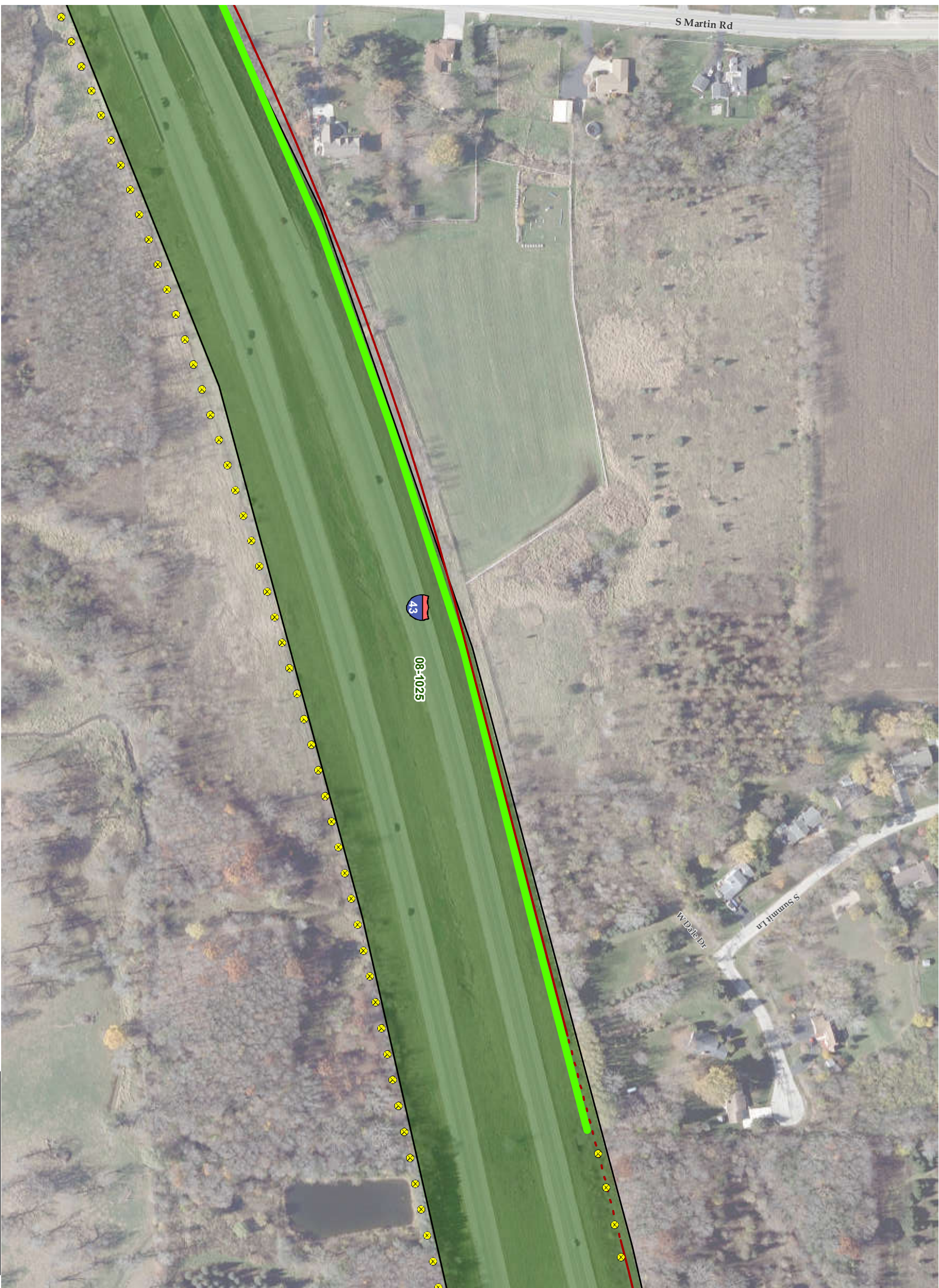







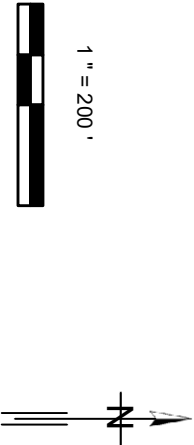
EXHIBIT A
SHEET 28 OF 118

LEGEND

-  SHOVEL TEST - 15 M INTERVAL
 DISTURBED - ROAD BUILDUP
 RETURN FLOW PIPELINE
 HDD/JACK AND BORE SEGMENT
 PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL

SURVEY MAP

Date: 4/25/2019



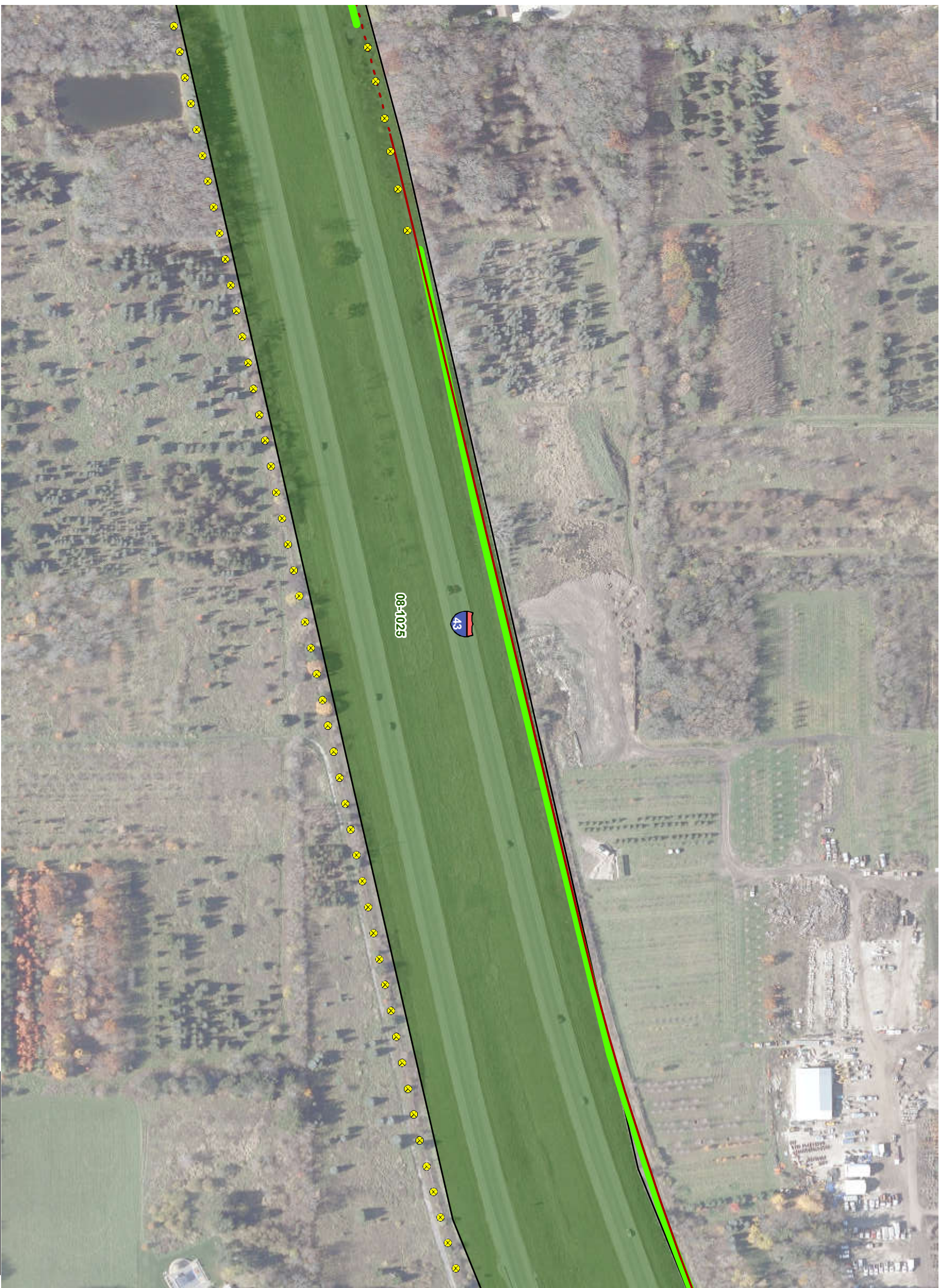


EXHIBIT A
SHEET 29 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - DISTURBED - ROAD BUILDUP
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 30 OF 118

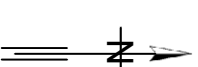
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- DISTURBED - ROAD BUILDUP
- RETURN FLOW PIPELINE
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.

1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

**PHASE I ARCHAEOLOGICAL
SURVEY MAP**
Date: 4/25/2019



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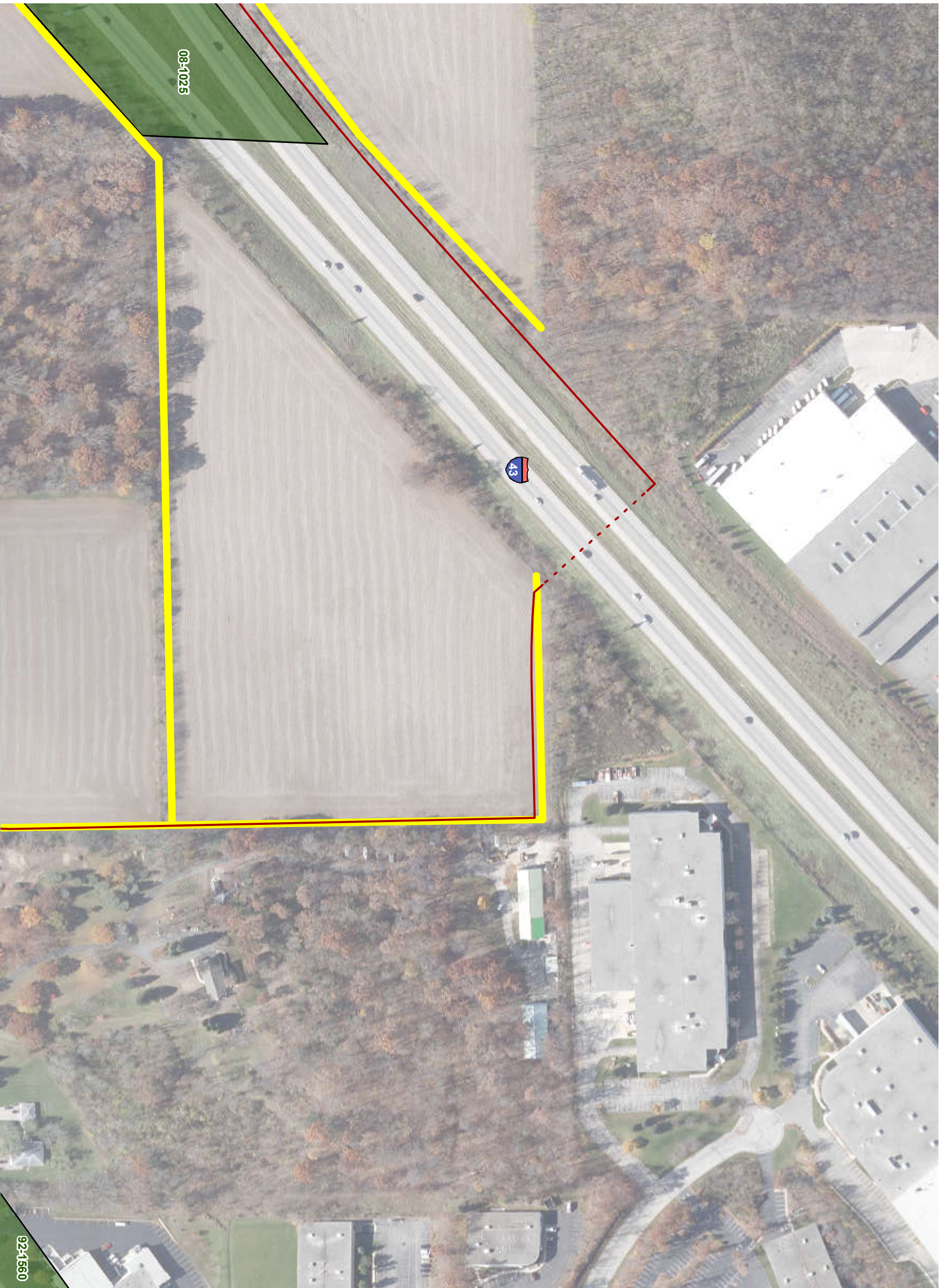


EXHIBIT A
SHEET 31 OF 118

- LEGEND**
- SURFACE COLLECT
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

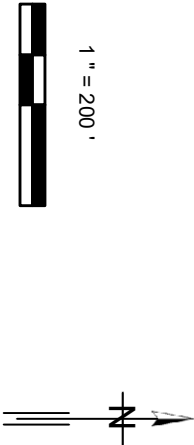
SURFACE COLLECT

RETURN FLOW PIPELINE

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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EXHIBIT A
SHEET 33 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

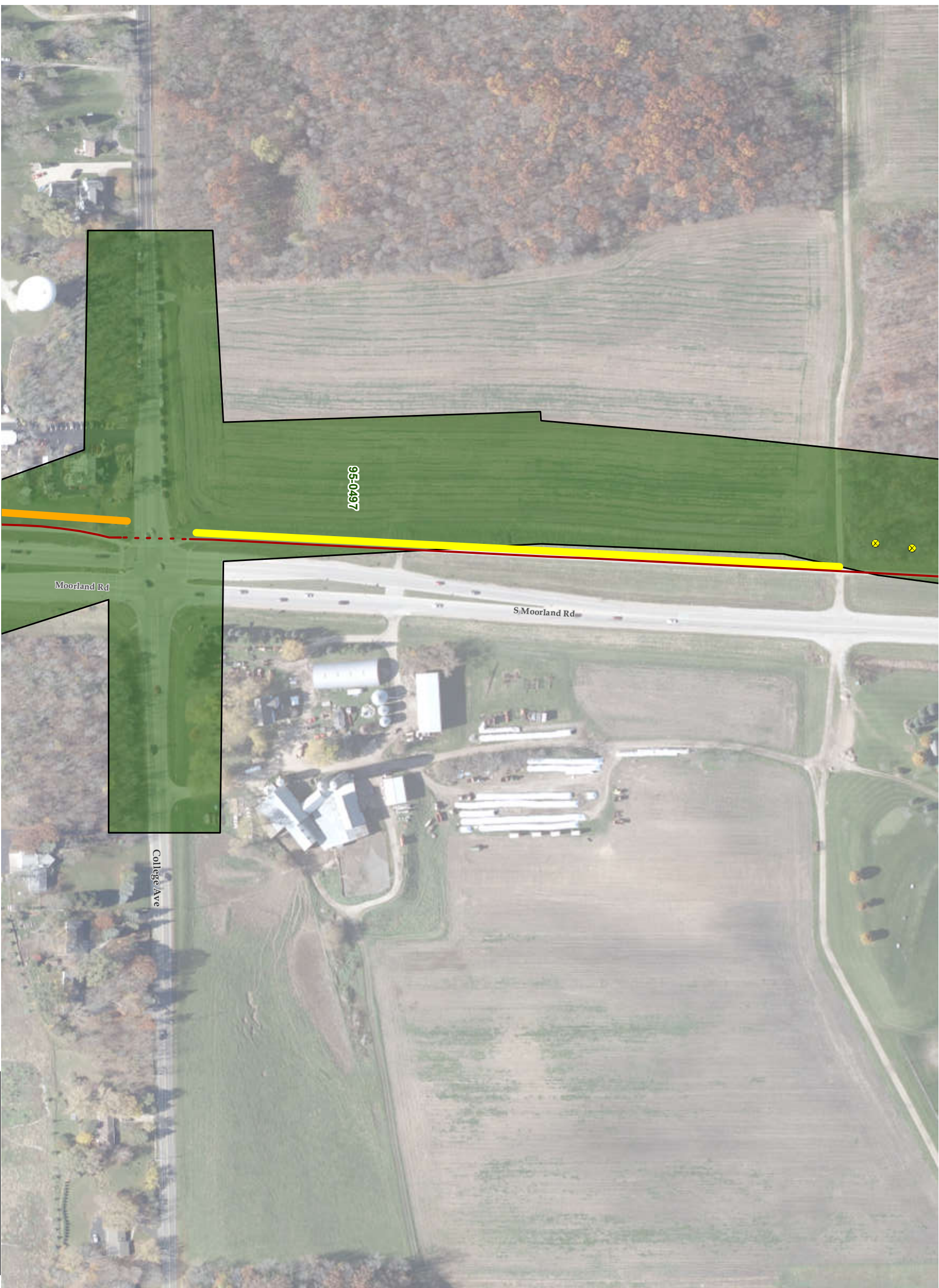


EXHIBIT A
SHEET 34 OF 118

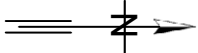
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- DISTURBED - NOT SHOVEL TESTED
- RETURN FLOW PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.

1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

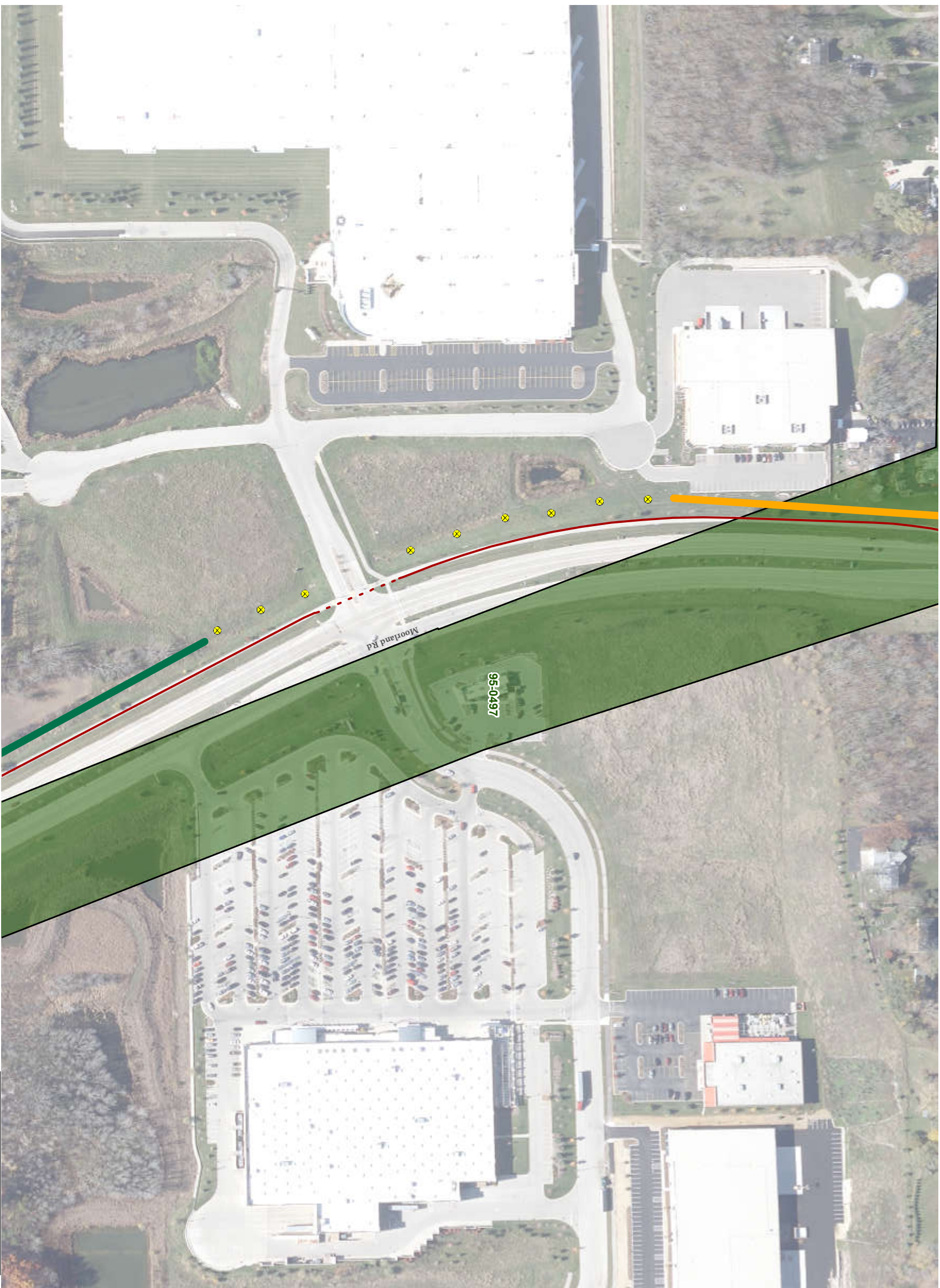


EXHIBIT A
SHEET 35 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - DISTURBED - NOT SHOVEL TESTED
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

LAND TOO WET TO SHOVEL TEST

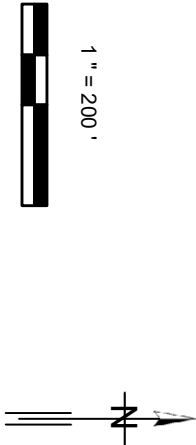
RETURN FLOW PIPELINE

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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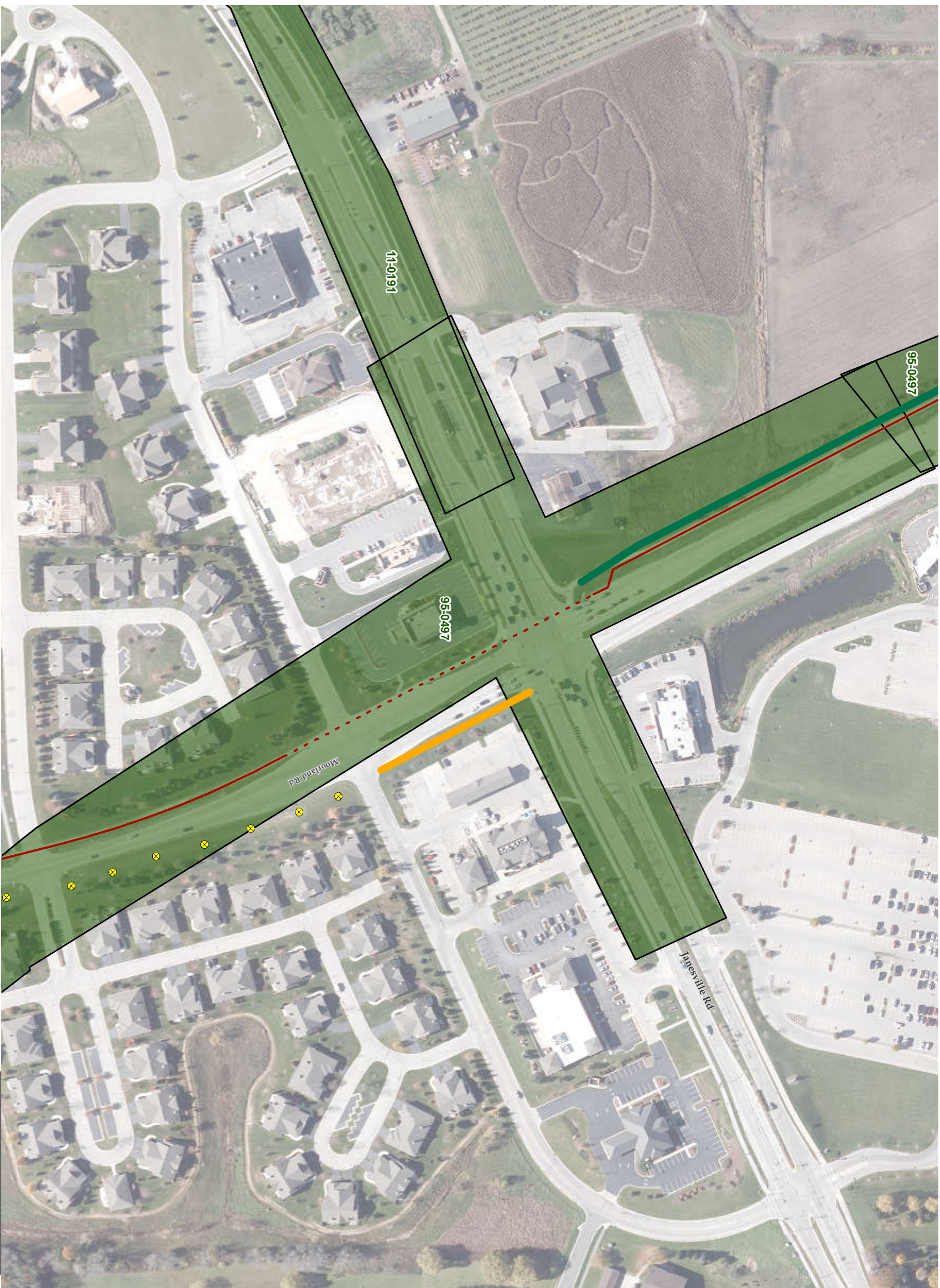
TRC

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

LAND TOO WET TO SHOVEL TEST

RETURN FLOW PIPELINE

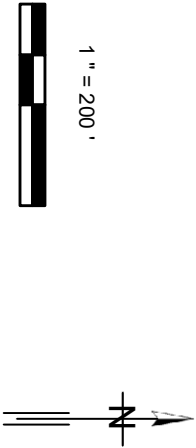
HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

RETURN FLOW PIPELINE

PREVIOUS ARCHAEOLOGICAL SURVEY

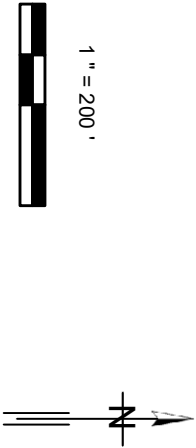
EXHIBIT A

SHEET 38 OF 118

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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Waukesha, Wisconsin
Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

RETURN FLOW PIPELINE

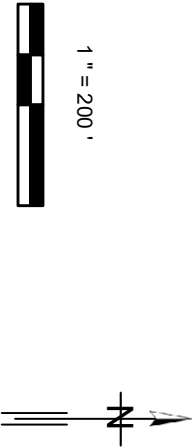
HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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GREELEY AND HANSEN

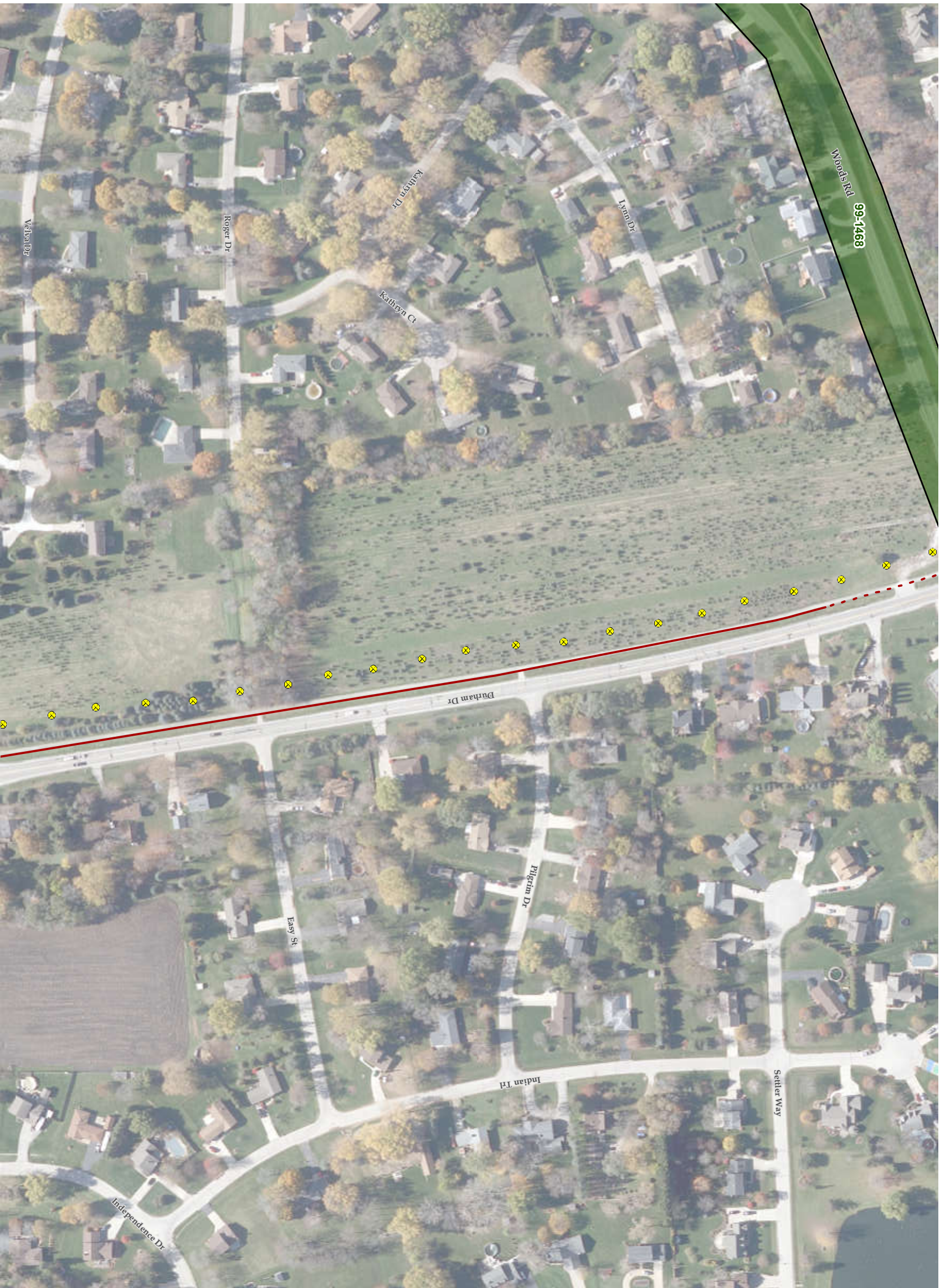
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TRC

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LEGEND

SHOVEL TEST - 15 M INTERVAL

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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LEGEND

SHOVEL TEST - 10 M INTERVAL

SHOVEL TEST - 15 M INTERVAL

RETURN FLOW PIPELINE

ARCHAEOLOGICAL SITE

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A
SHEET 41 OF 118

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.

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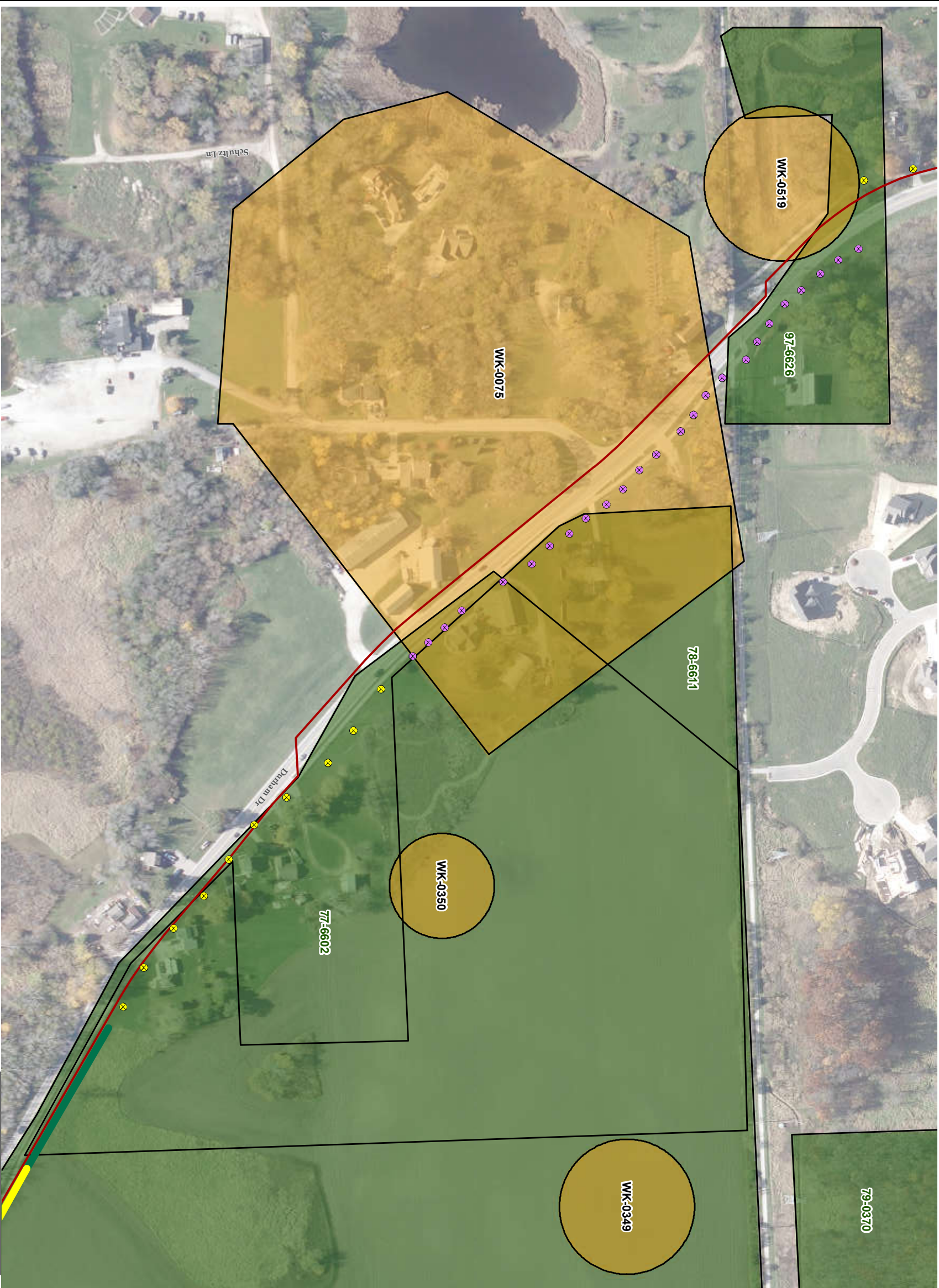
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Waukesha, Wisconsin
Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019



LEGEND

EXHIBIT A
SHEET 42 OF 118

SHOVEL TEST - 10 M INTERVAL

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

LAND TOO WET TO SHOVEL TEST

RETURN FLOW PIPELINE

ARCHAEOLOGICAL SITE

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.

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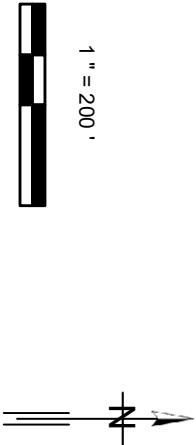
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



- EXHIBIT A

SHEET 44 OF 118
- LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

RETURN FLOW PIPELINE

ARCHAEOLOGICAL SITE

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

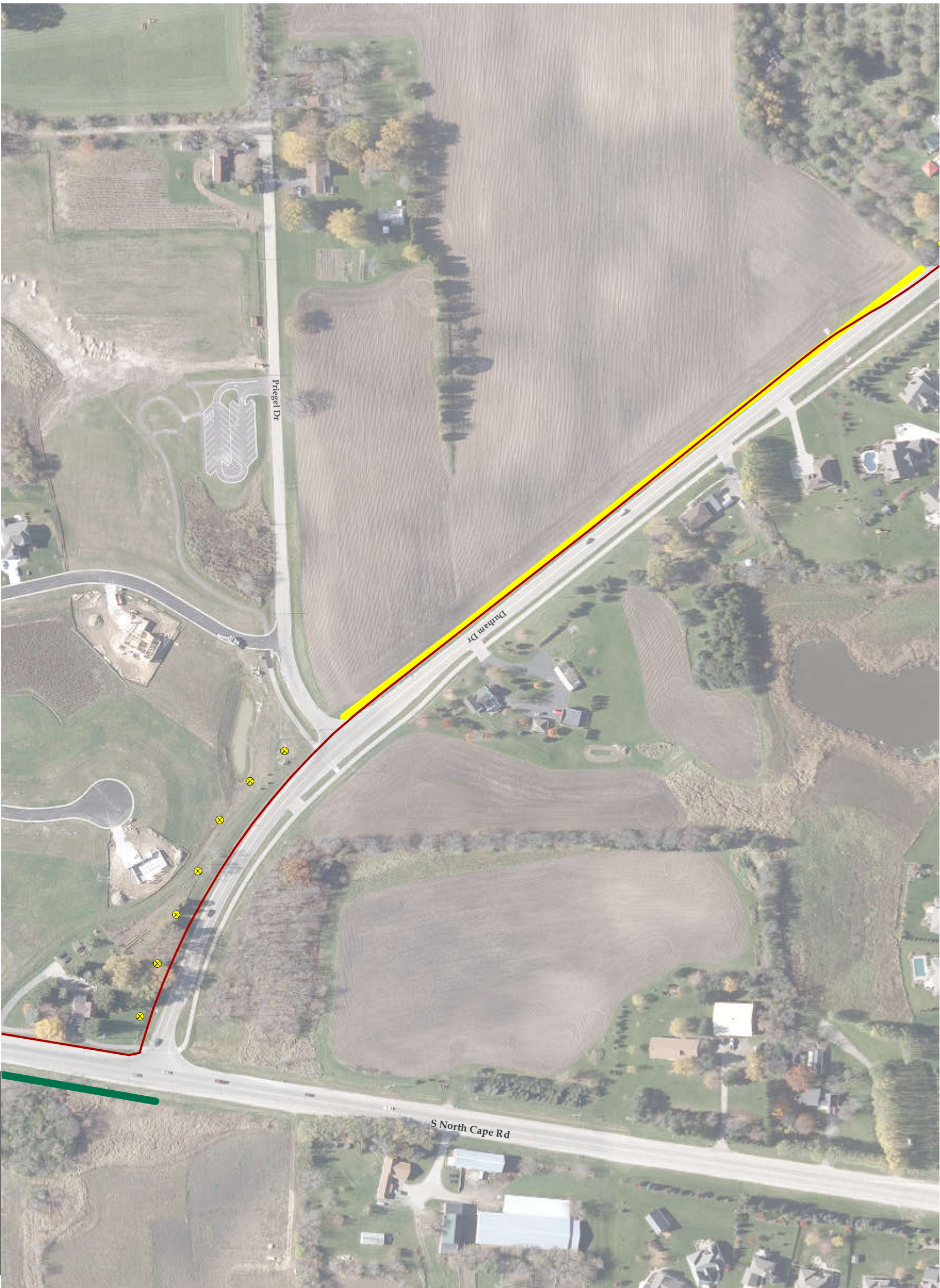


EXHIBIT A
SHEET 45 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

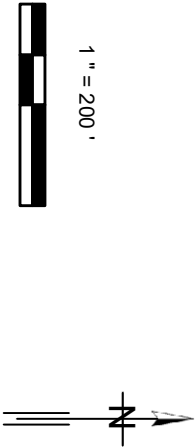


EXHIBIT A
SHEET 46 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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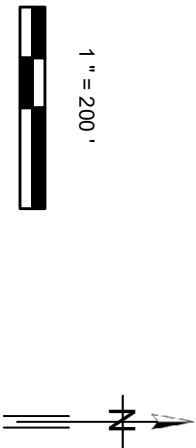
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



 SHOVEL TEST - 15 M INTERVAL
 RETURN FLOW PIPELINE

NOTES

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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

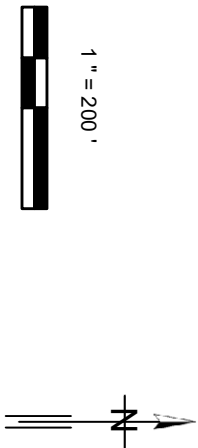


EXHIBIT A
SHEET 48 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

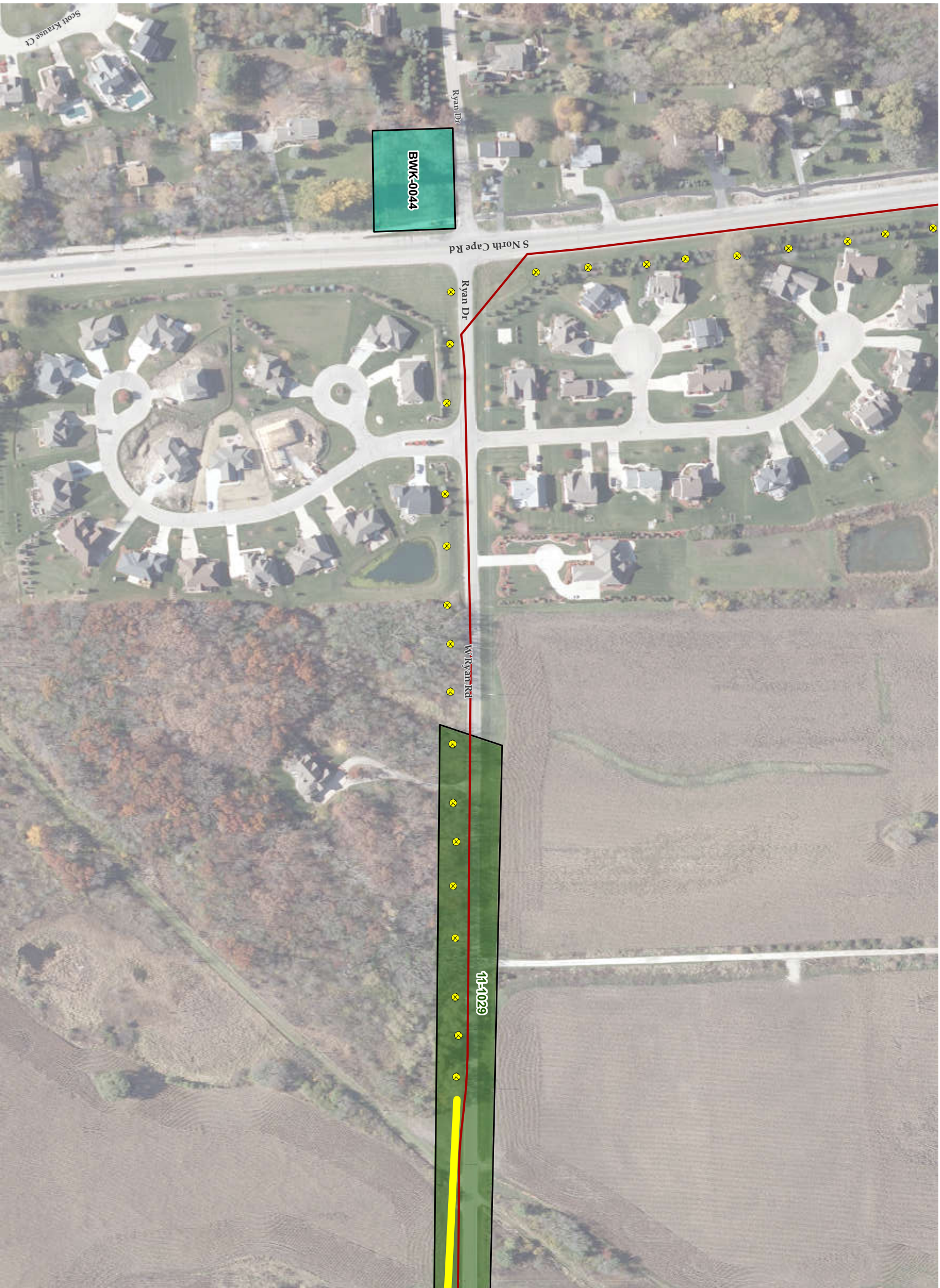


EXHIBIT A
SHEET 49 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

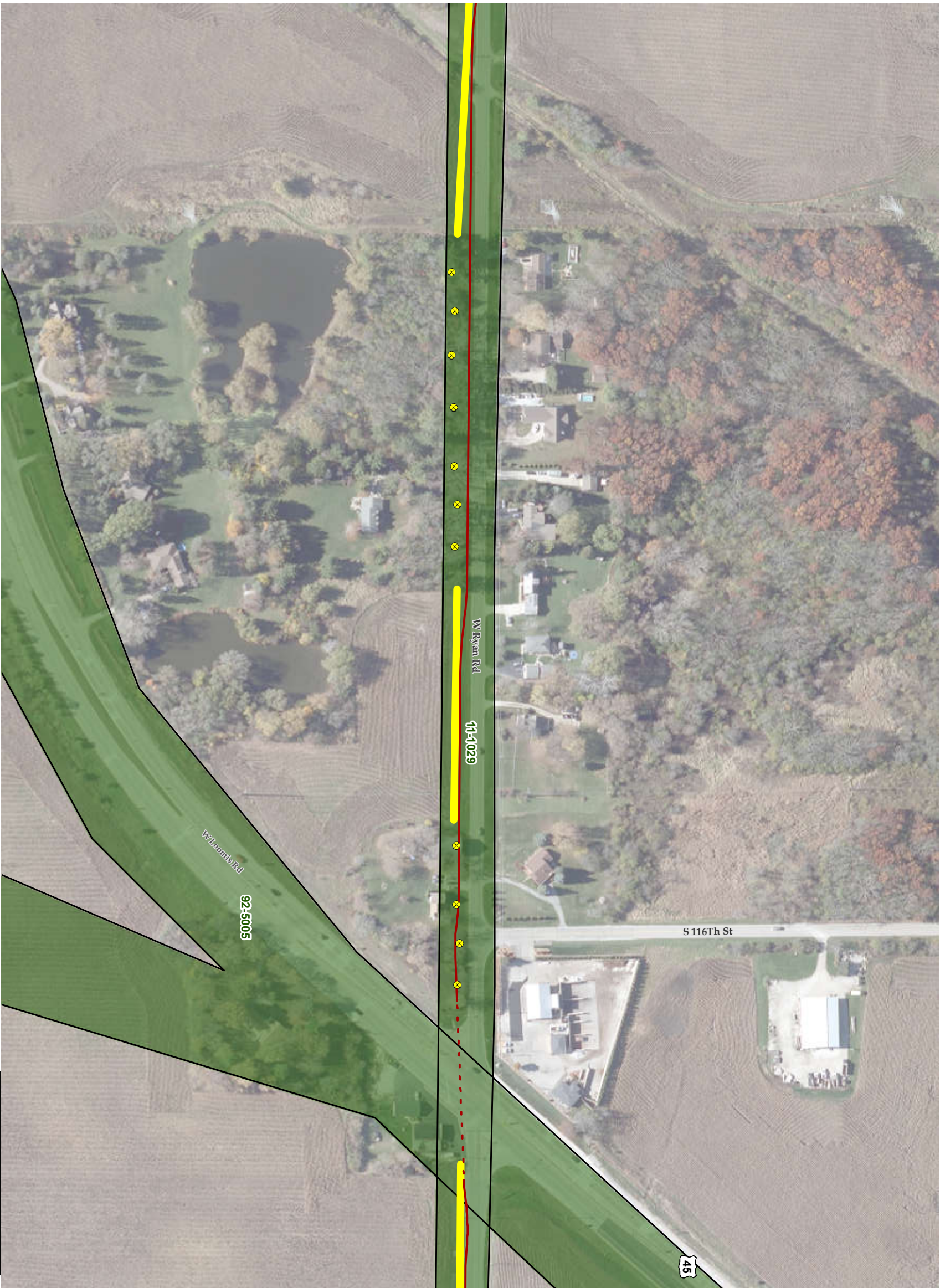
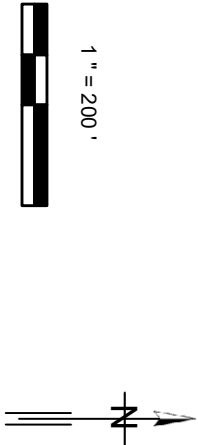


EXHIBIT A
SHEET 50 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

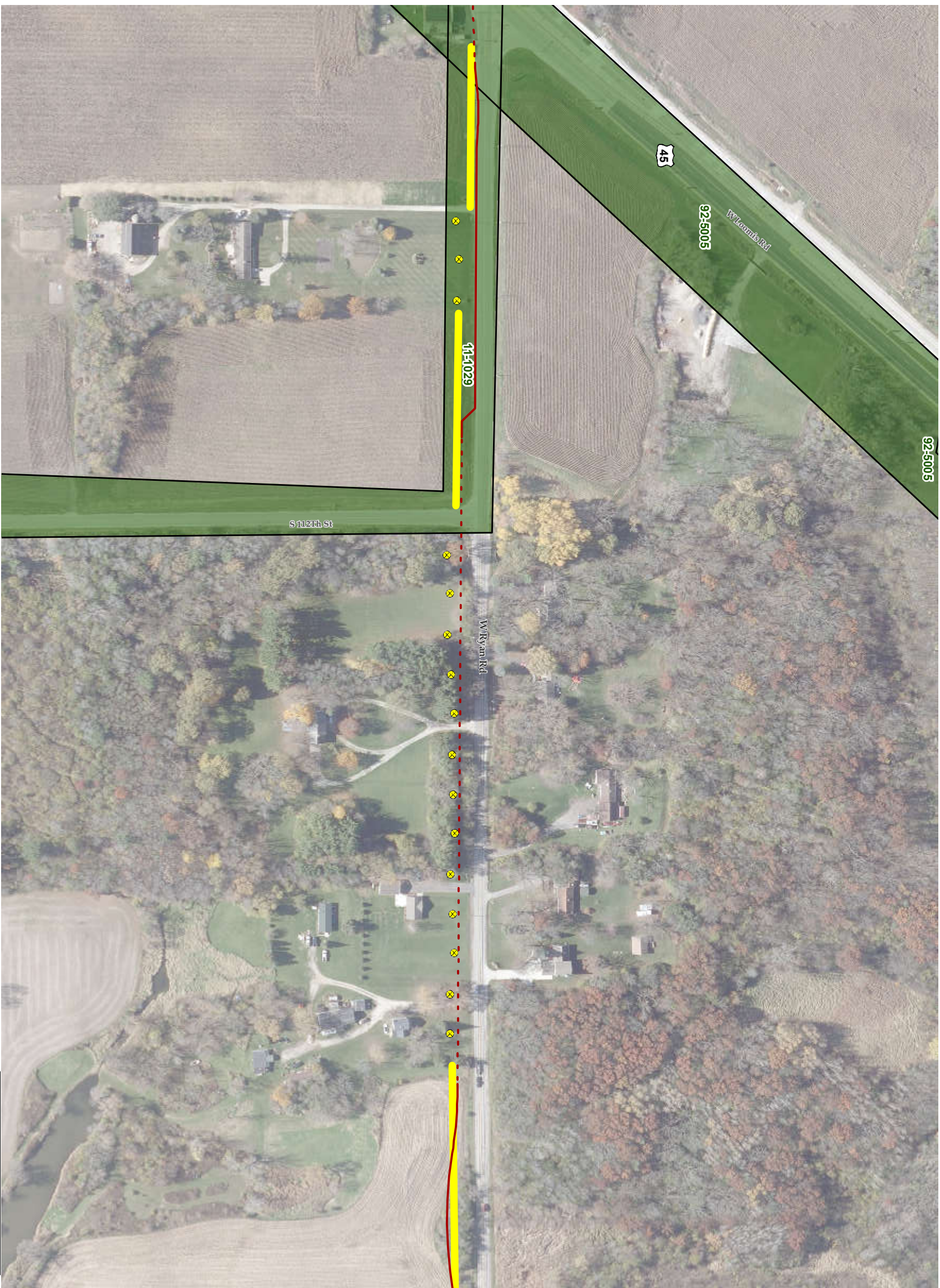


EXHIBIT A
SHEET 51 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 52 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
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Date: 4/25/2019

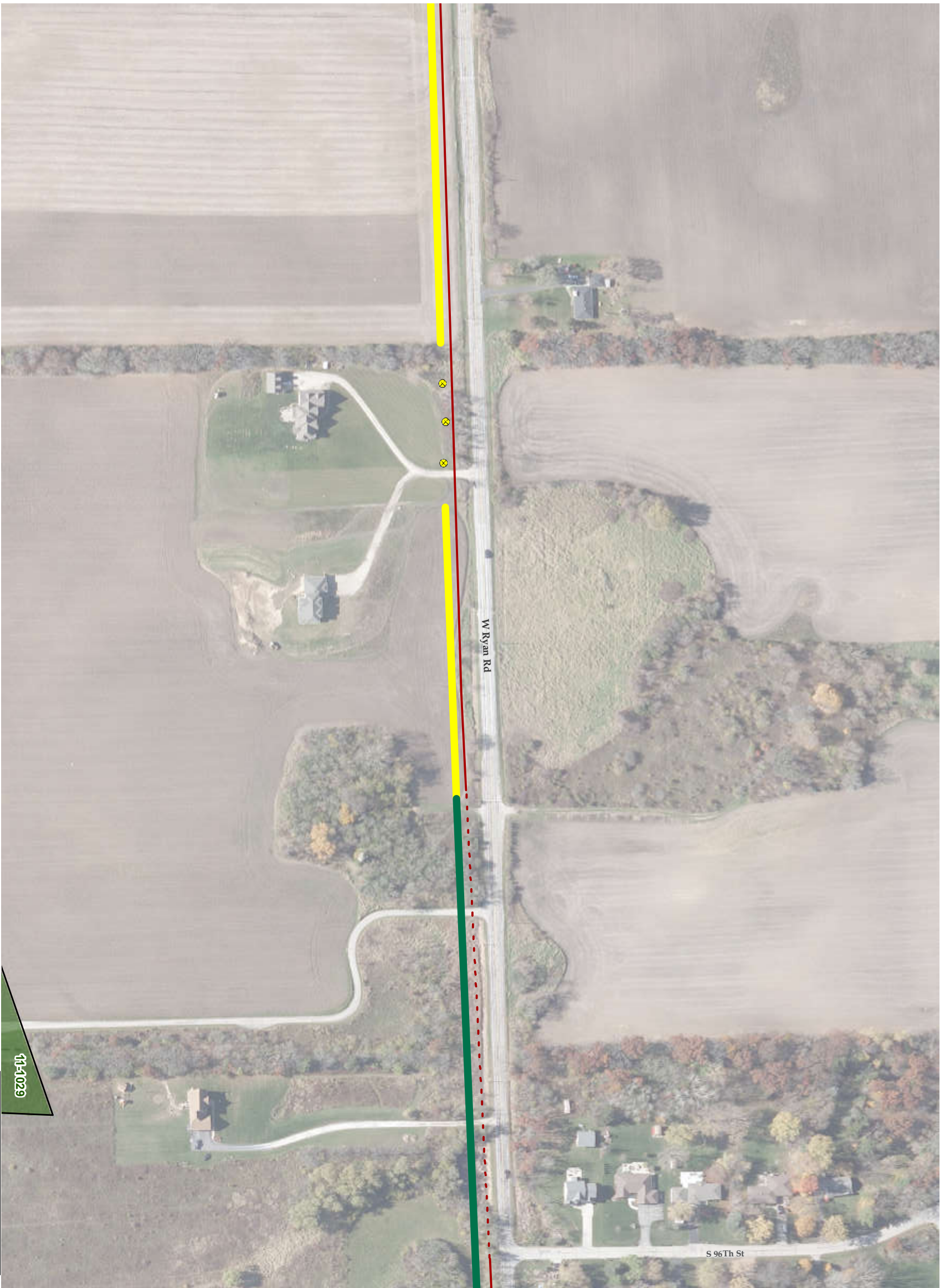


EXHIBIT A
SHEET 53 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

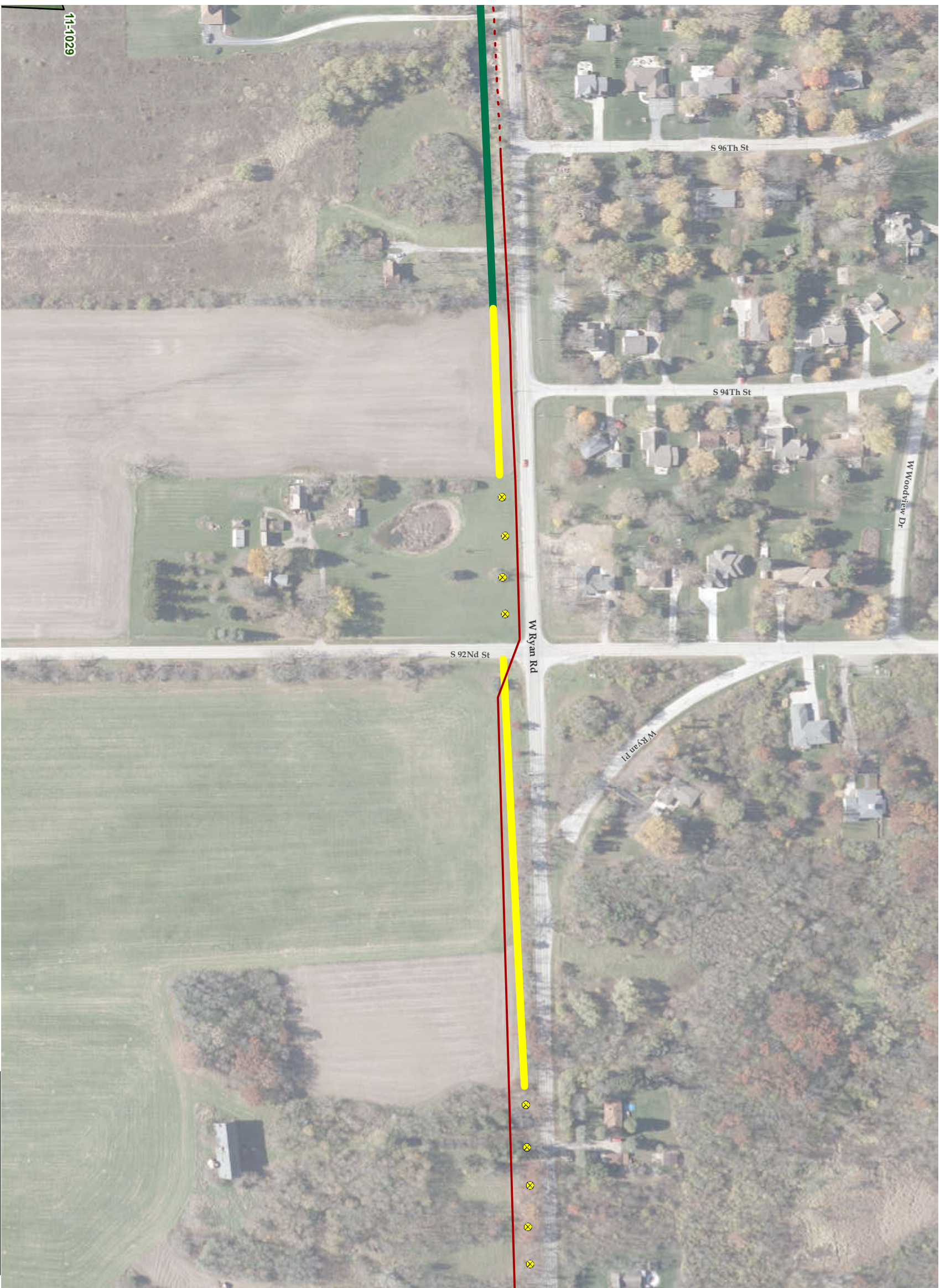
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

LAND TOO WET TO SHOVEL TEST

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 55 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

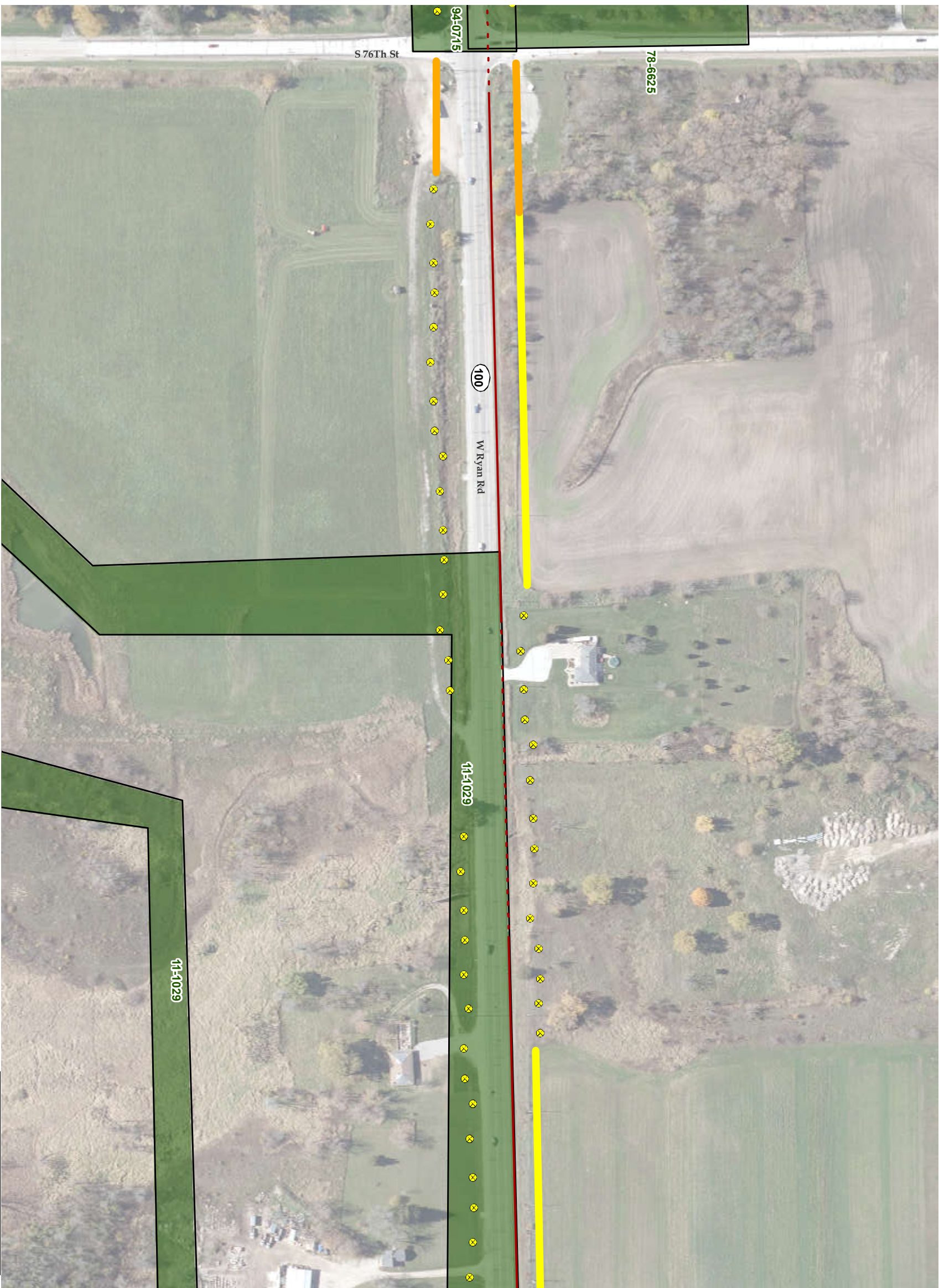
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

DISTURBED - NOT SHOVEL TESTED

RETURN FLOW PIPELINE

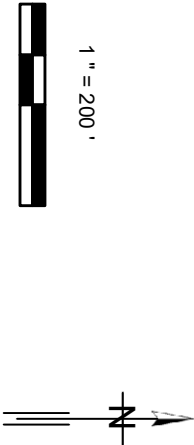
HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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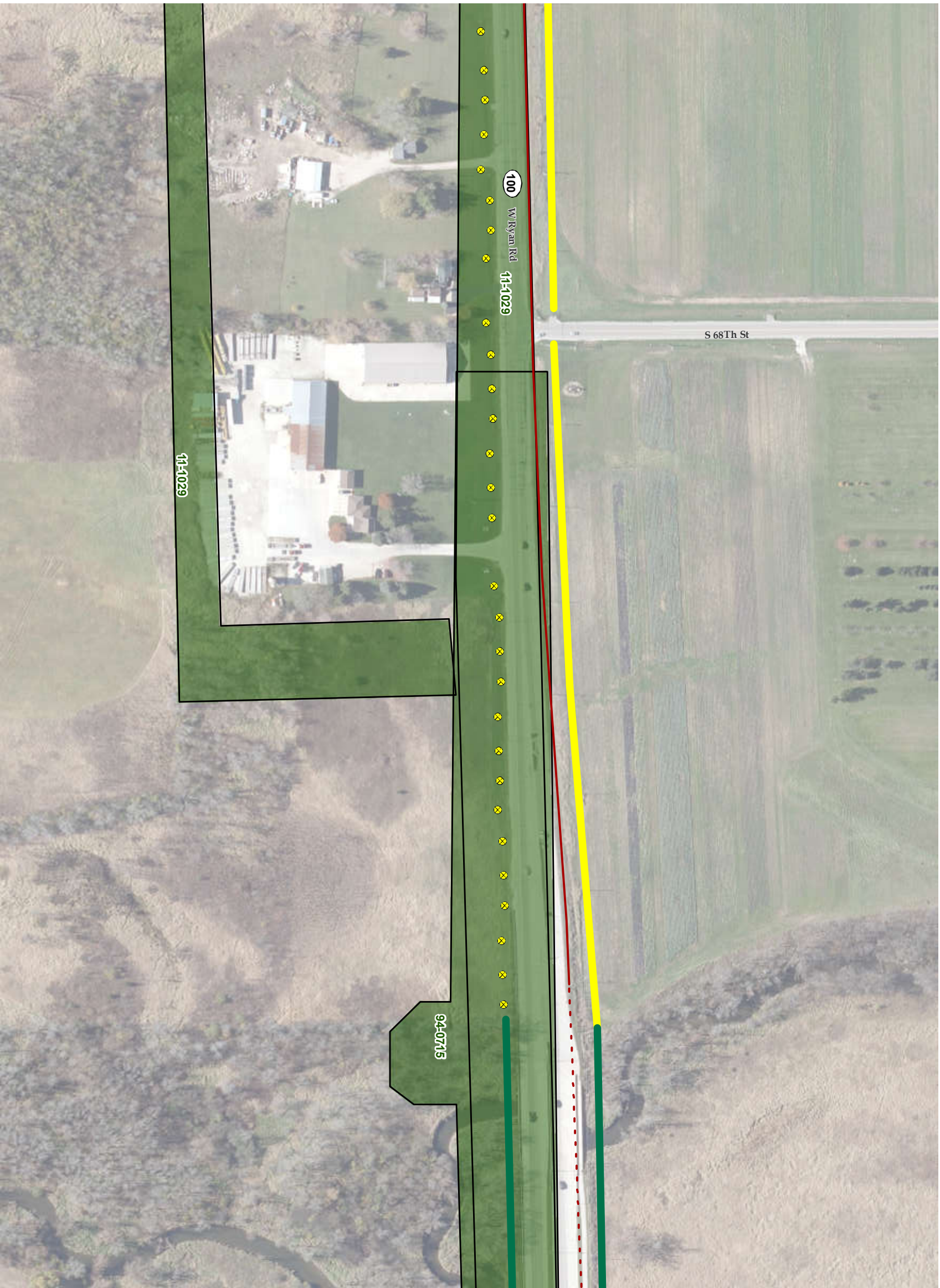
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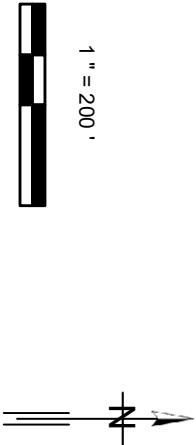
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - LAND TOO WET TO SHOVEL TEST
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

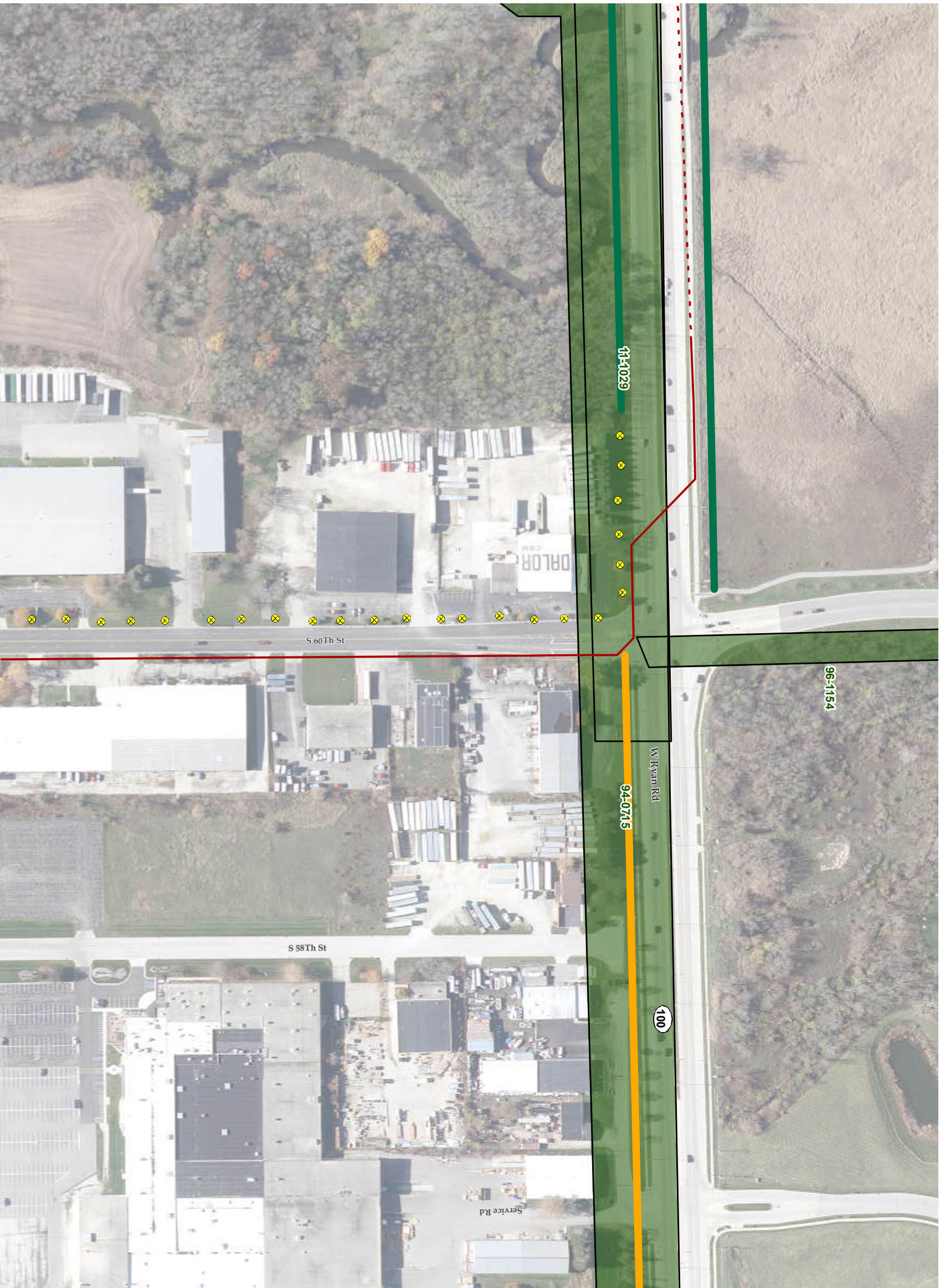
NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

LAND TOO WET TO SHOVEL TEST

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

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Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019



 SHOVEL TEST - 15 M INTERVAL
 RETURN FLOW PIPELINE

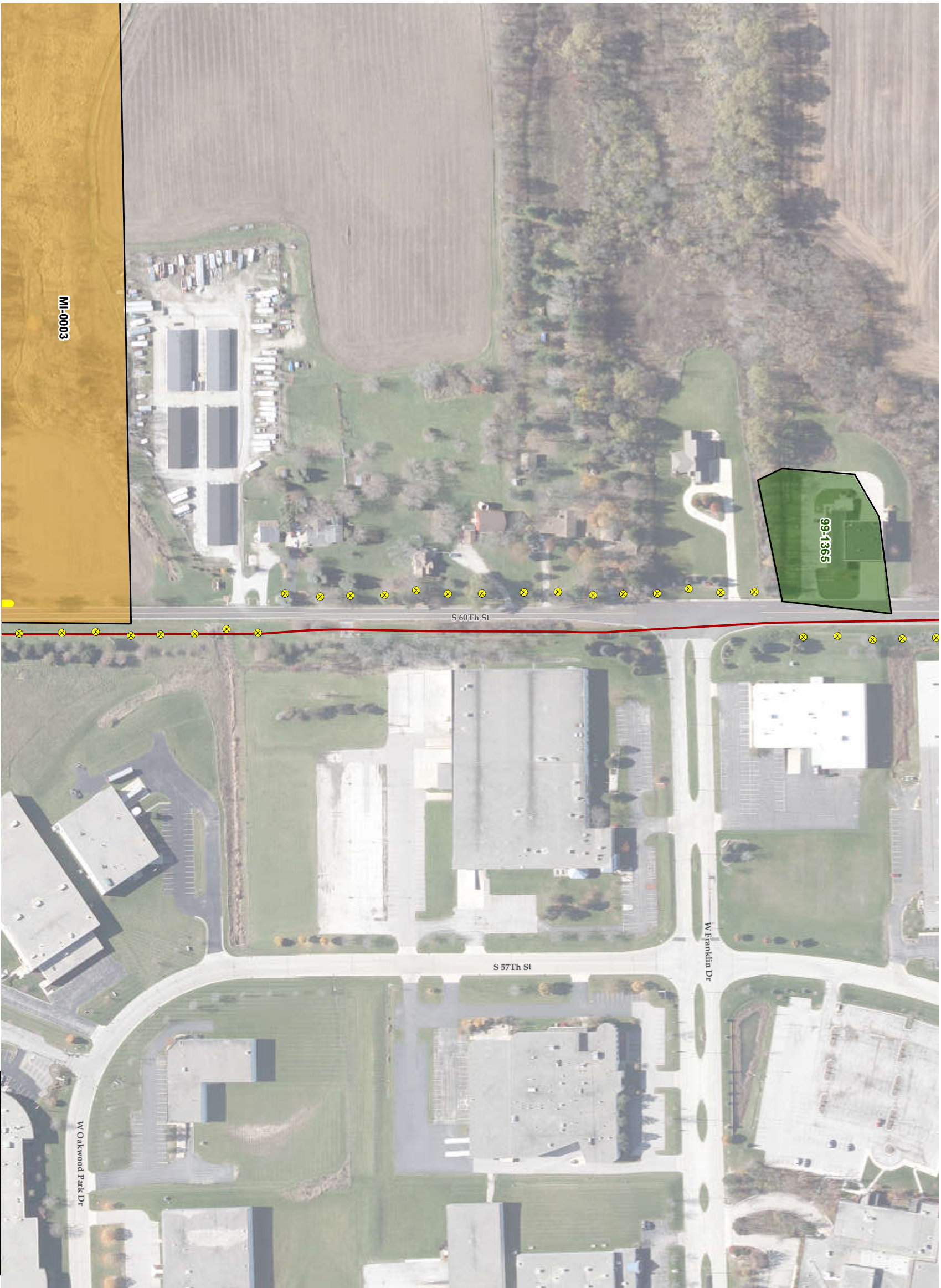
NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

RETURN FLOW PIPELINE

ARCHAEOLOGICAL SITE

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

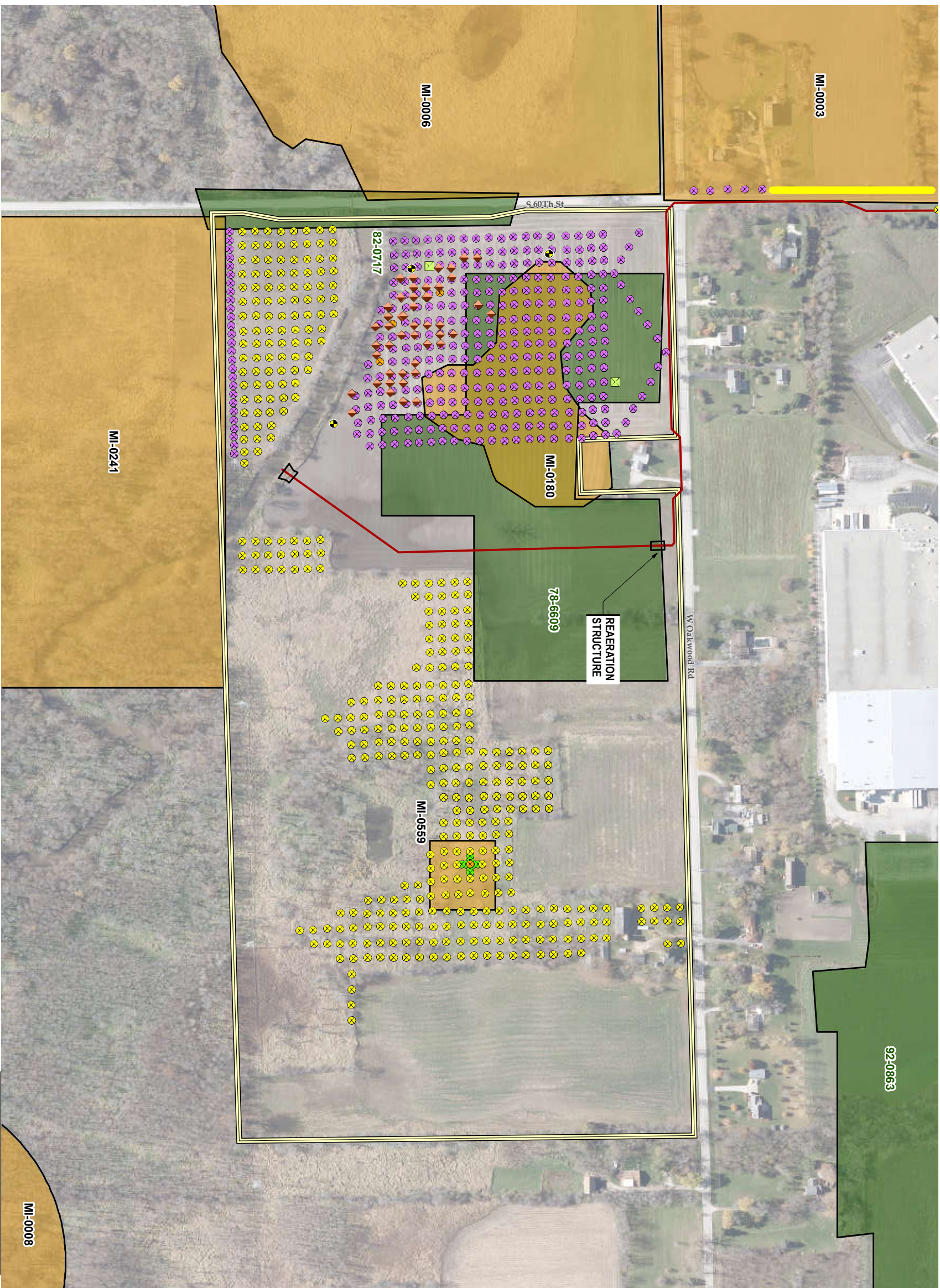
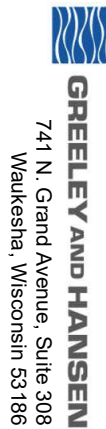
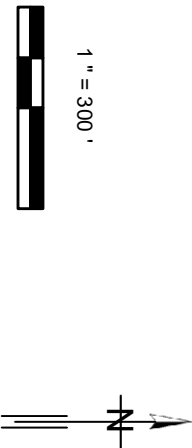


EXHIBIT A
SHEET 62 OF 118

- LEGEND**
- BORING
 - SHOVEL TEST - POSITIVE
 - SHOVEL TEST - 5 M INTERVAL
 - SHOVEL TEST - 10 M INTERVAL
 - SHOVEL TEST - 15 M INTERVAL
 - STRATIGRAPHY PITS
 - SURFACE ARTIFACTS
 - SURFACE COLLECT
 - SURFACE COLLECT USING A COMBINATION OF SURFACE COLLECT AND SHOVEL TESTS
 - RETURN FLOW PIPELINE
 - ARCHAEOLOGICAL SITE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

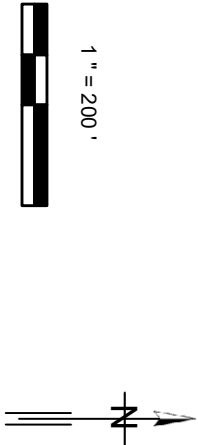


EXHIBIT A
SHEET 63 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - WATER SUPPLY PIPELINE
 - CEMETERY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Date: 4/25/2019

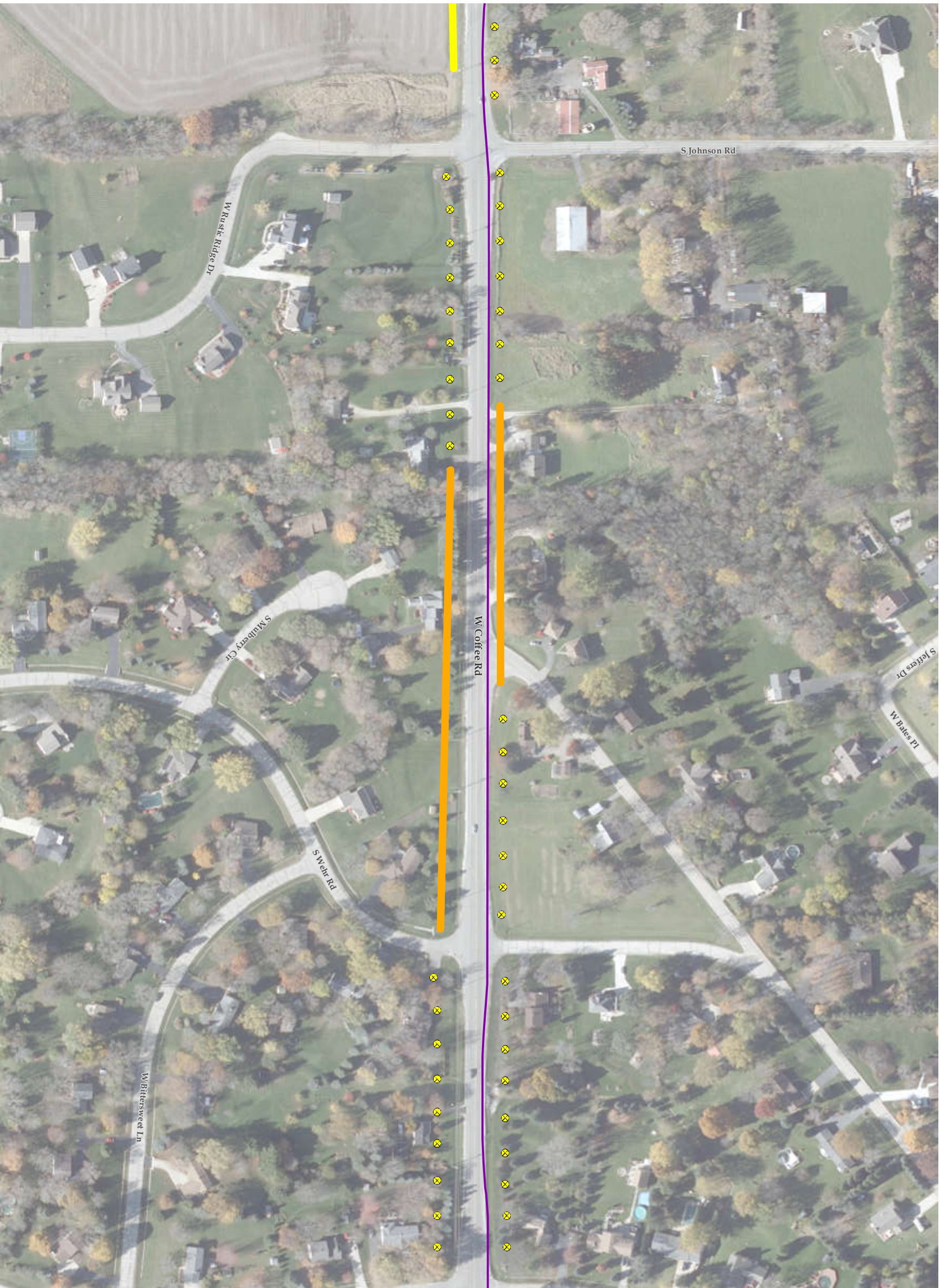


EXHIBIT A
SHEET 64 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - DISTURBED - NOT SHOVEL TESTED
 - WATER SUPPLY PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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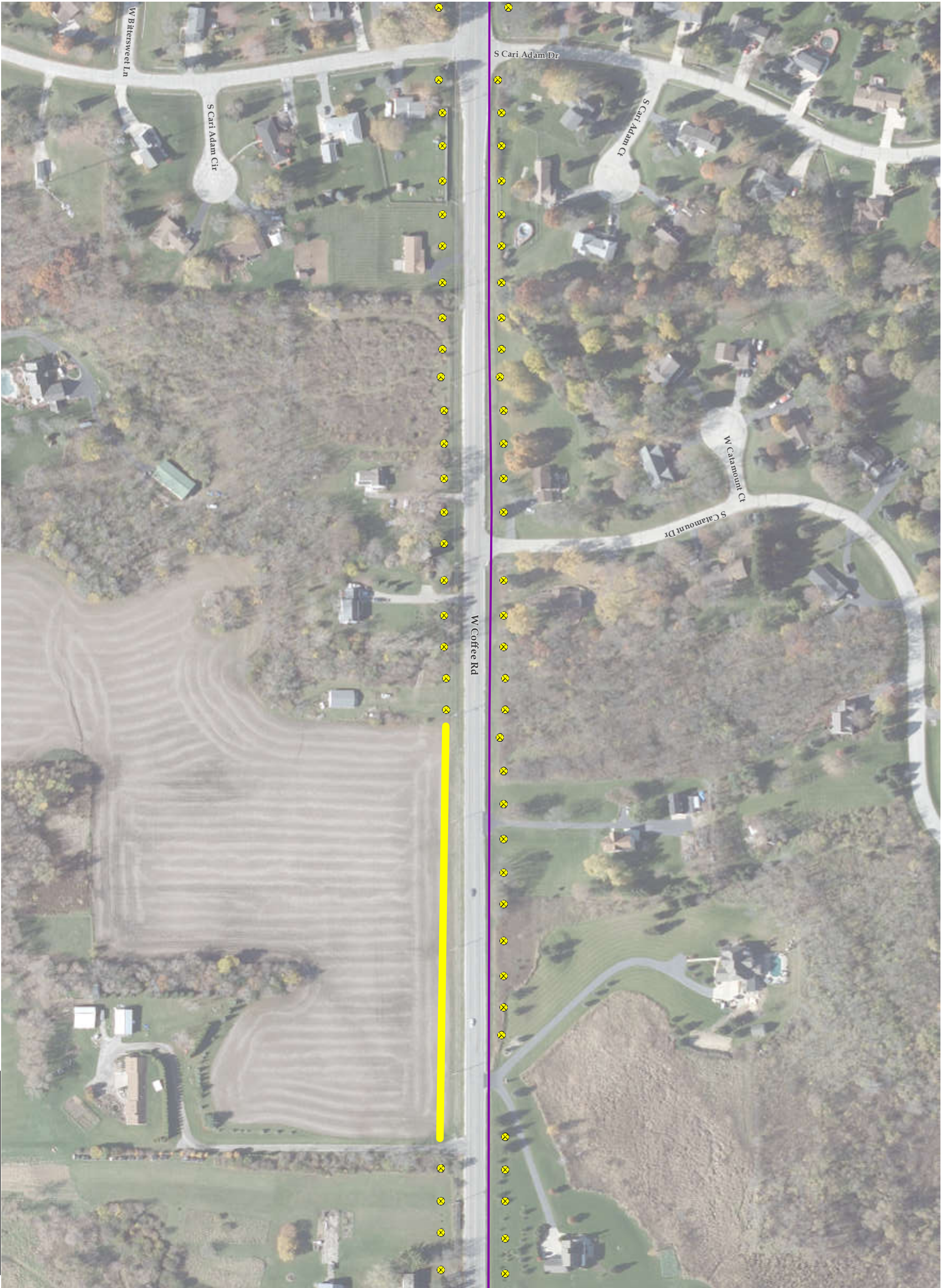
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

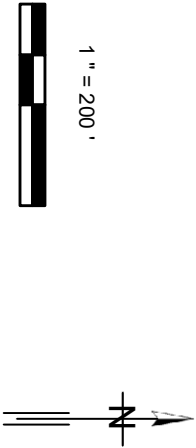
SURFACE COLLECT

WATER SUPPLY PIPELINE

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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Waukesha Water Utility

SERVING WAUKESHA SINCE 1886

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Results you can rely on

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/25/2019

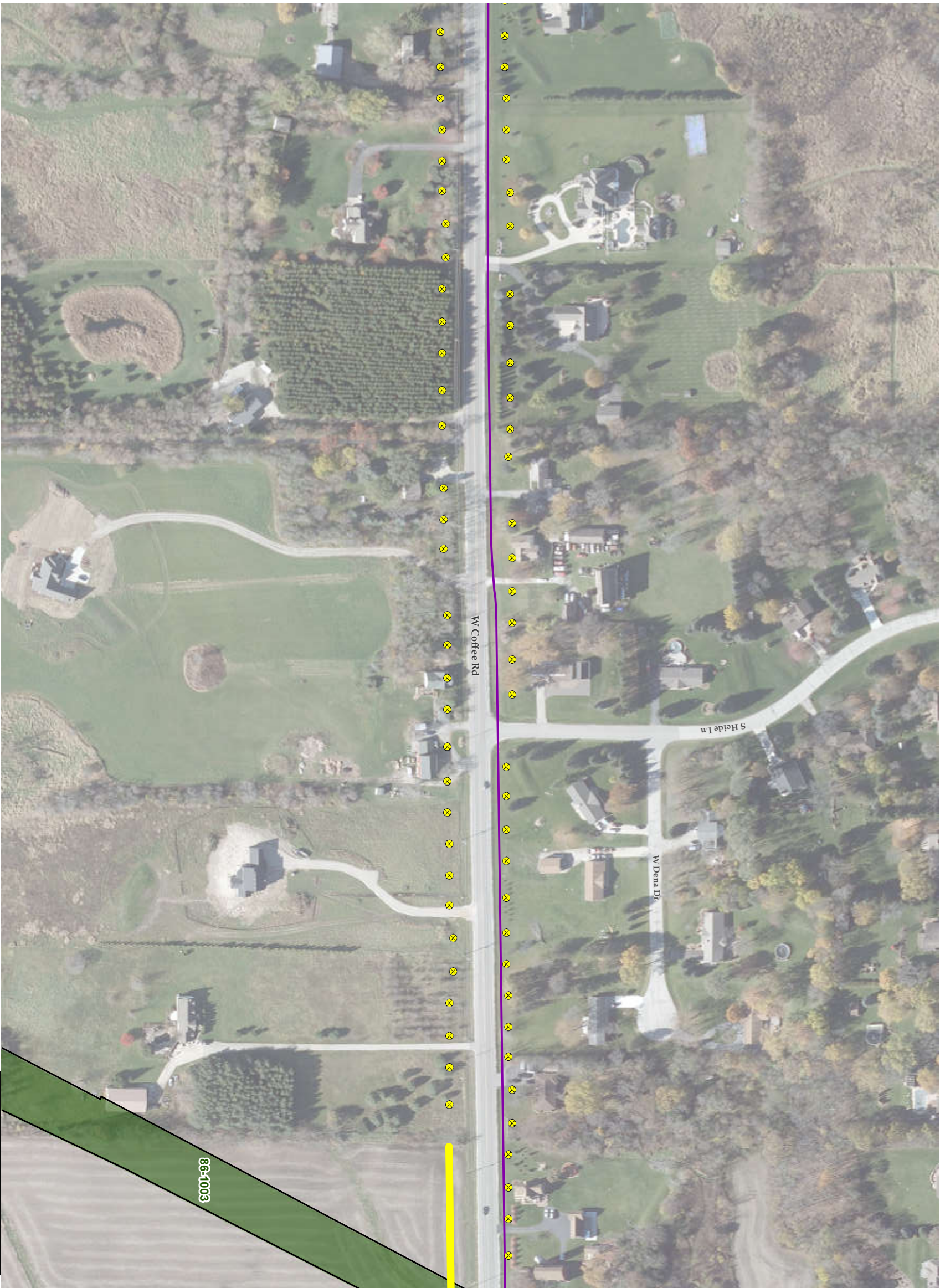
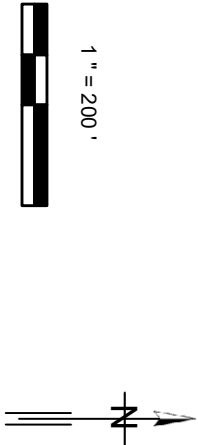


EXHIBIT A
SHEET 66 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - WATER SUPPLY PIPELINE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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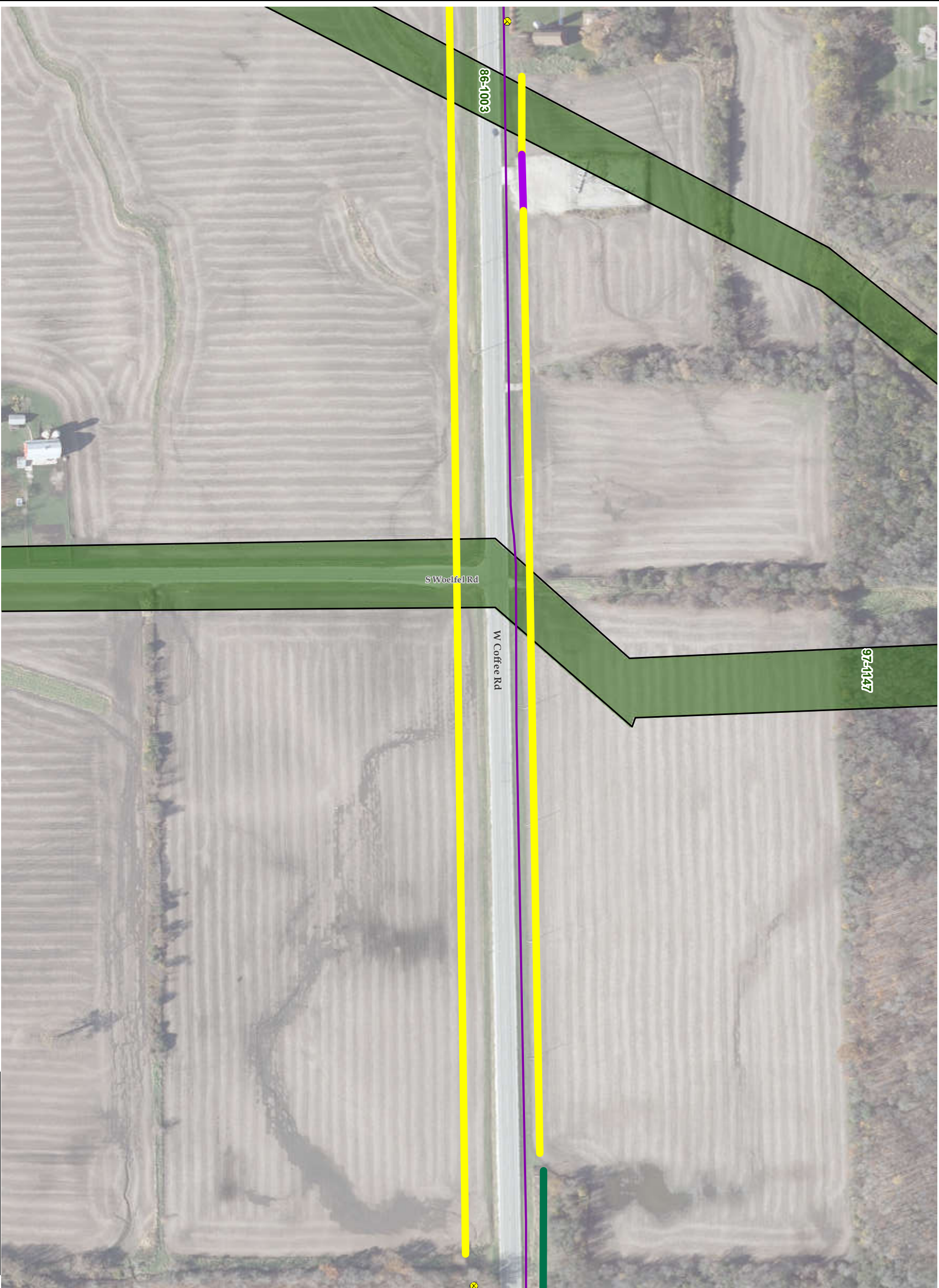


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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



- LEGEND**

 -  SHOVEL TEST - 15 M INTERVAL
 -  SURFACE COLLECT
 -  LAND TOO WET TO SHOVEL TEST
 -  DISTURBED - PIPELINE
 -  WATER SUPPLY PIPELINE
 -  PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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1" = 200'



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MAP PAGE EXTENT

EXHIBIT A
SHEET 67 OF 118

LEGEND

SHOVEL TEST - 15 M INTERVAL

 SURFACE COLLECT

LAND TOO WET TO SHOVEL TEST

DISTURBED - PIPELINE

WATER SUPPLY PIPELINE

PREVIOUS ARCHAEOLOGICAL SURVEY

Waukesha, Wisconsin
Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL

SURVEY MAP

Date: 4/25/2019



EXHIBIT A
SHEET 68 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - LAND TOO WET TO SHOVEL TEST
 - WATER SUPPLY PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 69 OF 118

- LEGEND**
- SURFACE COLLECT
 - WATER SUPPLY PIPELINE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

 WATER SUPPLY PIPELINE

 HDD/JACK AND BORE SEGMENT


 PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A

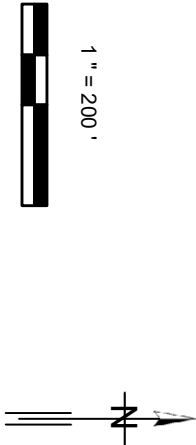
SHEET 70 OF 118

- NOTES
1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

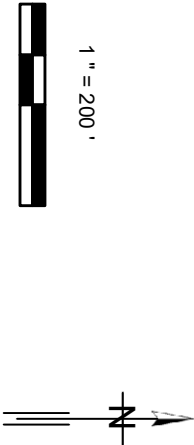
HDD/JACK AND BORE SEGMENT

- NOTES
1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Waukesha, Wisconsin
Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL
SURVEY MAP

Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

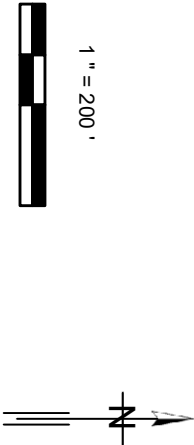
WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

- NOTES
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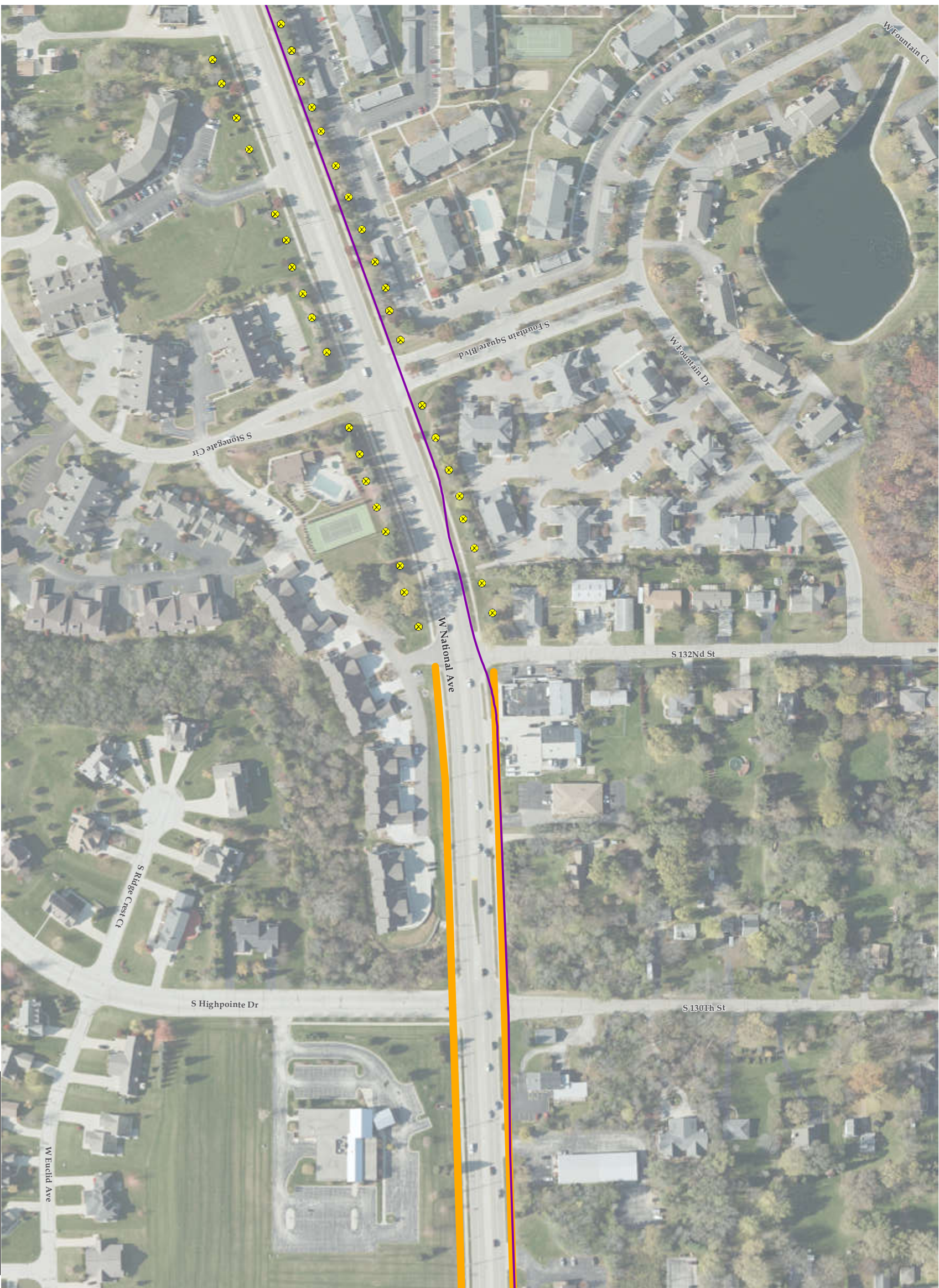
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

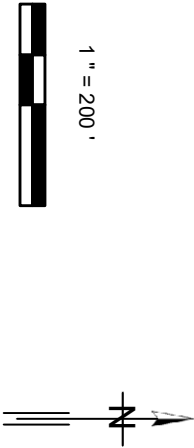
DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

- NOTES
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/25/2019

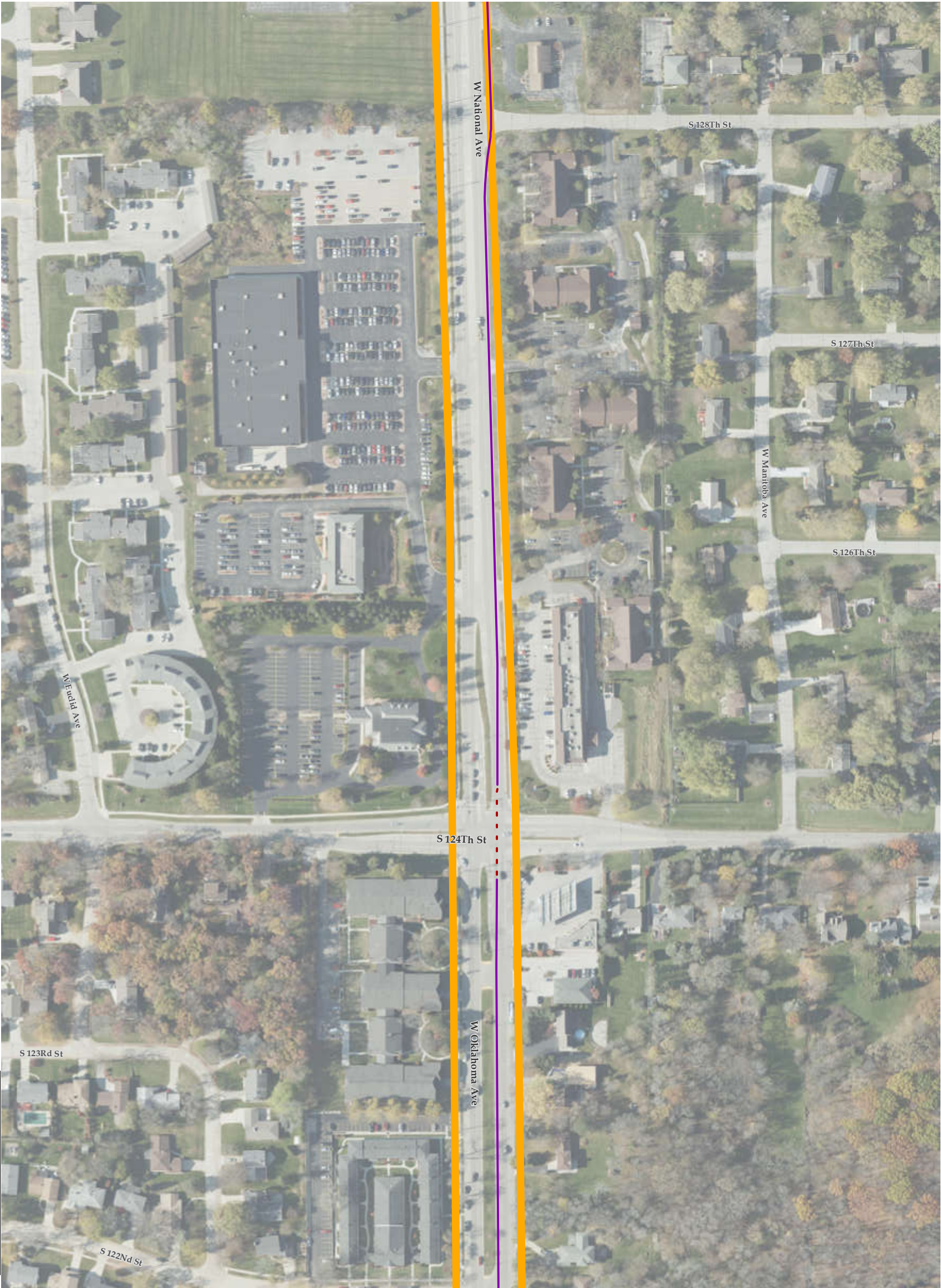
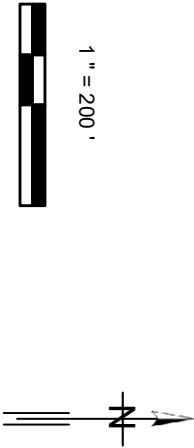


EXHIBIT A
SHEET 75 OF 118

- LEGEND**
- DISTURBED - NOT SHOVEL TESTED
 - WATER SUPPLY PIPELINE
 - HDD/JACK AND BORE SEGMENT

NOTES

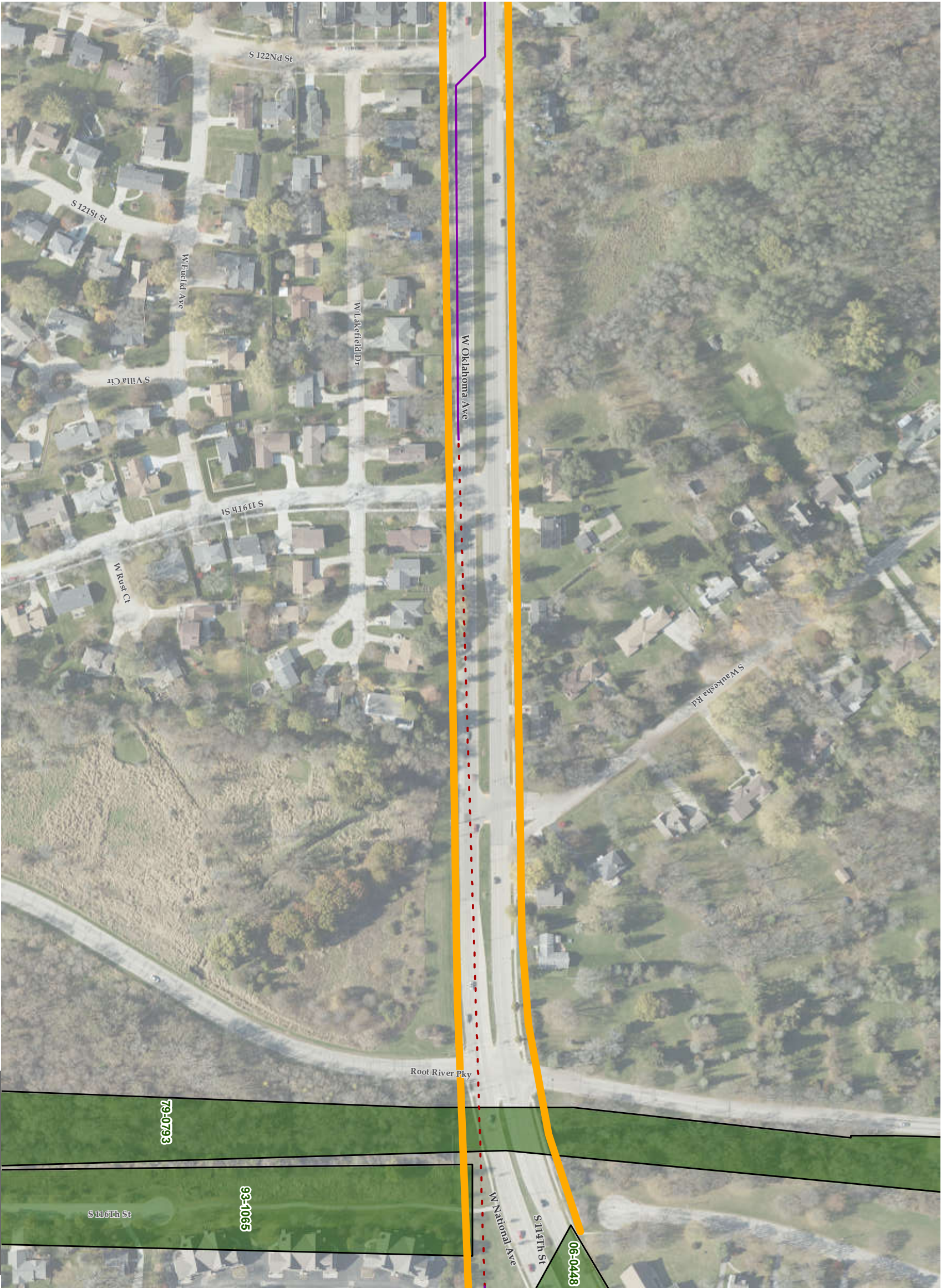
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



- LEGEND**
- DISTURBED - NOT SHOVEL TESTED
 - WATER SUPPLY PIPELINE
 - - - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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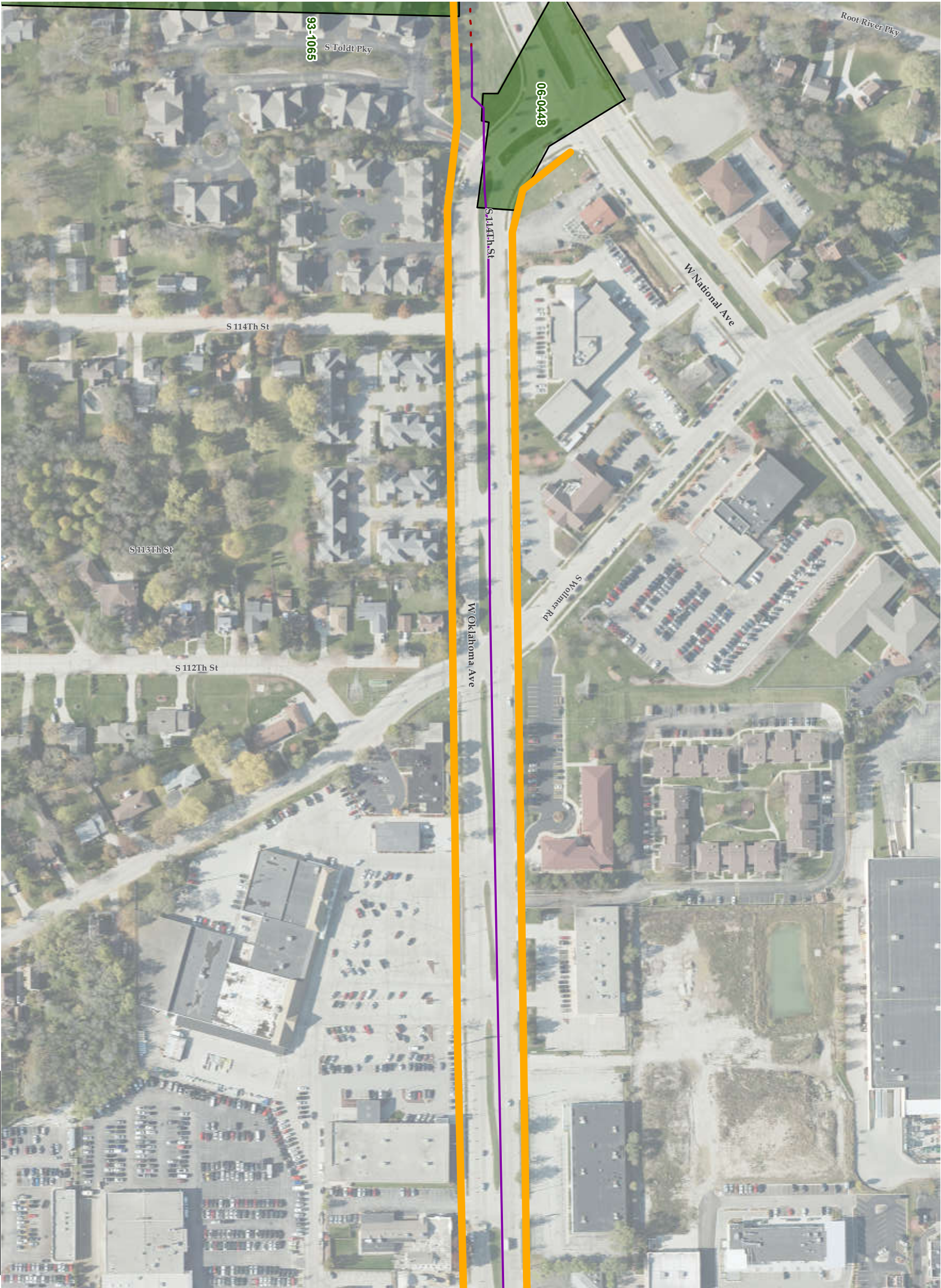


EXHIBIT A
SHEET 77 OF 118

LEGEND

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

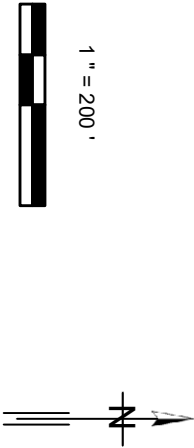
HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

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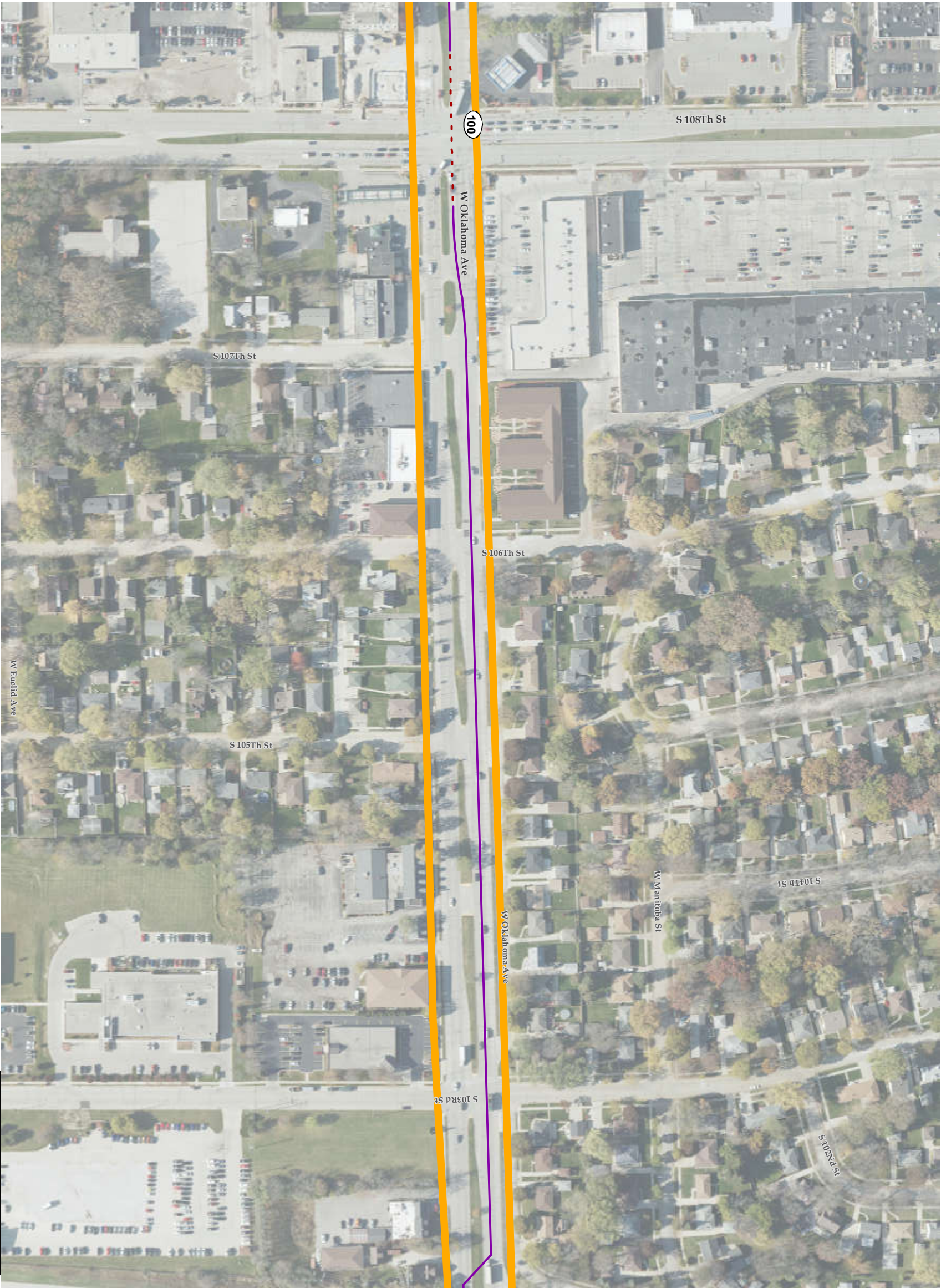
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

NOTES

1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3.

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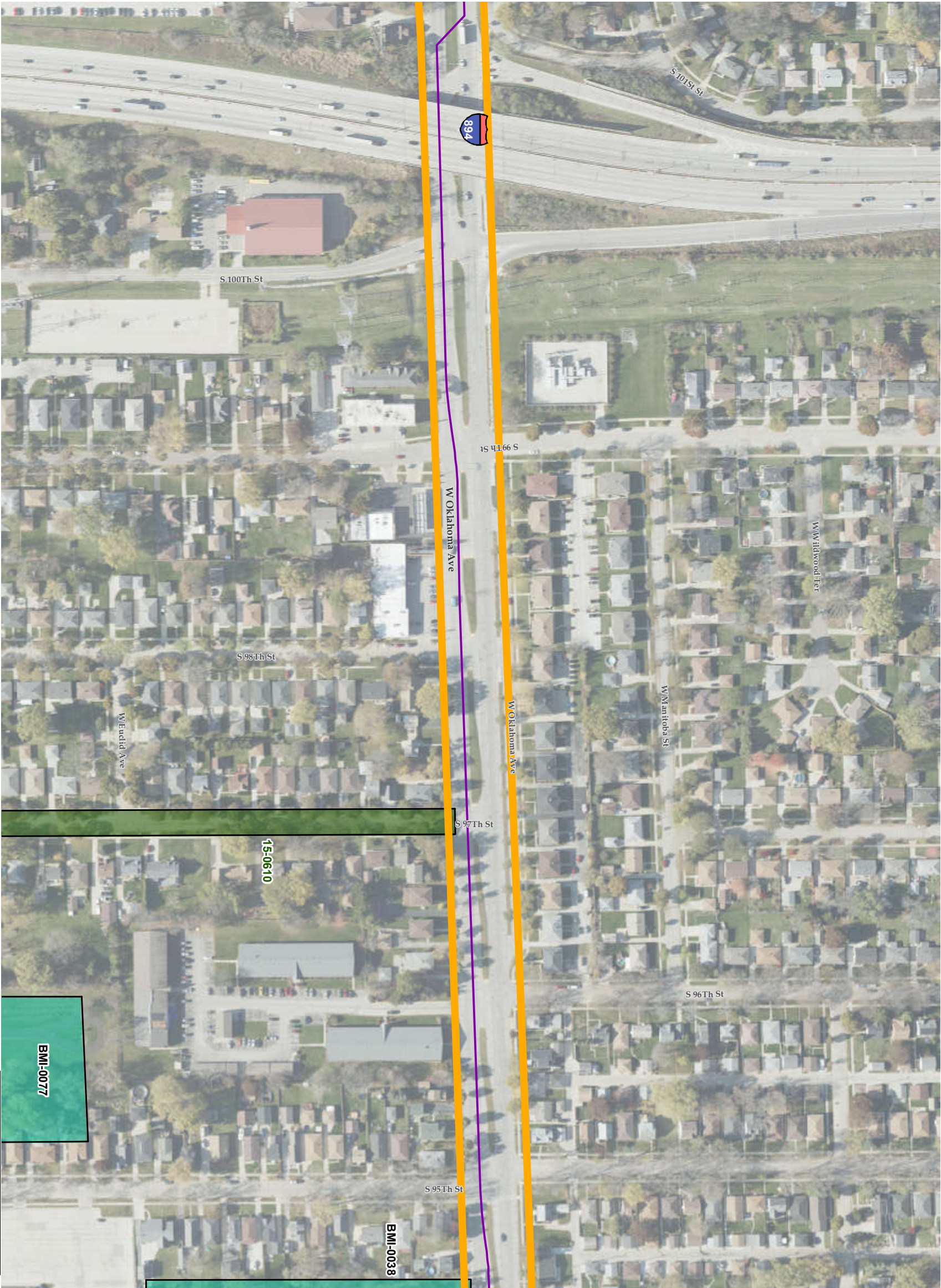
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

CEMETERY

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A
SHEET 79 OF 118

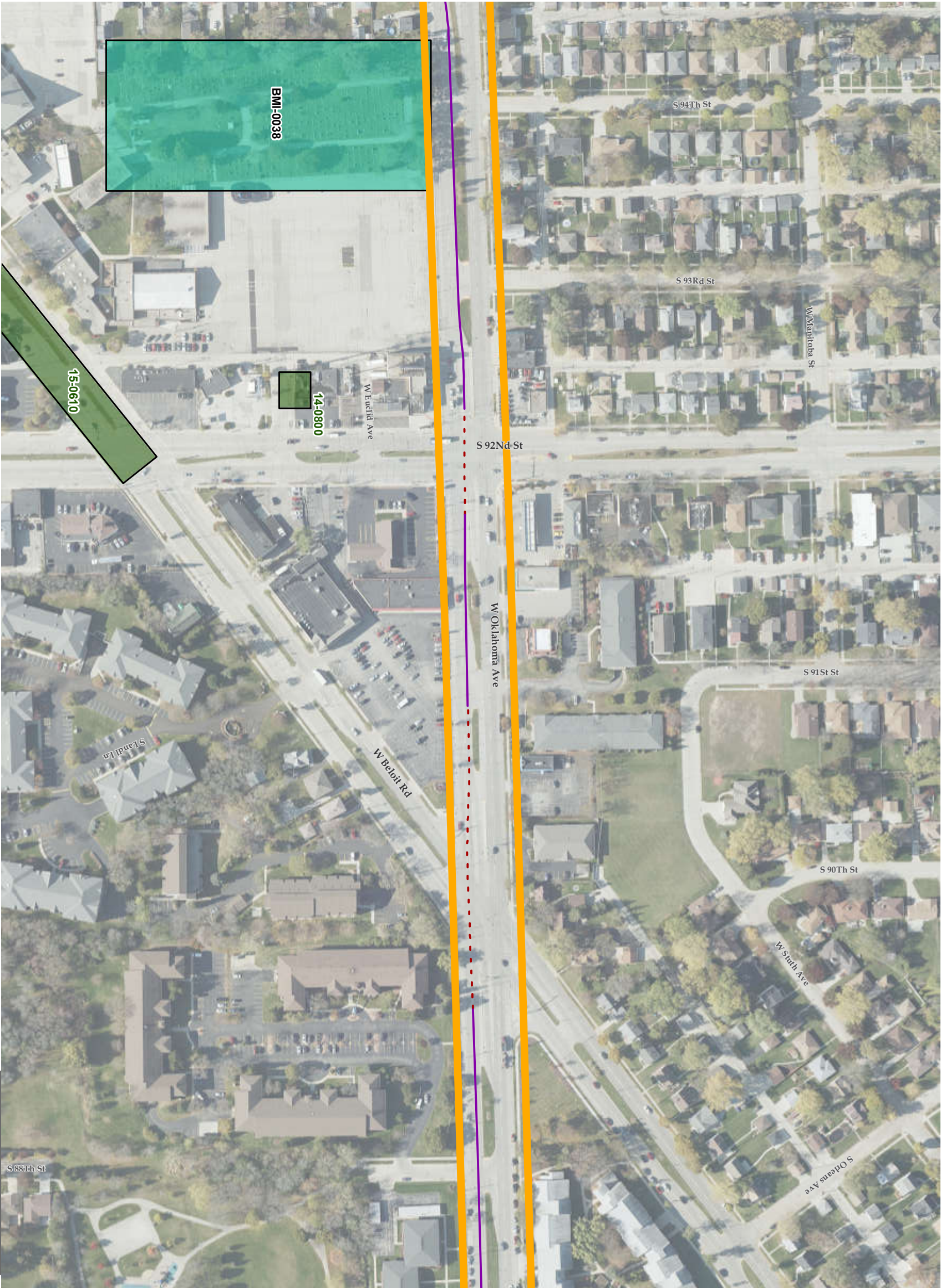
NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/25/2019



LEGEND

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

CEMETERY

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

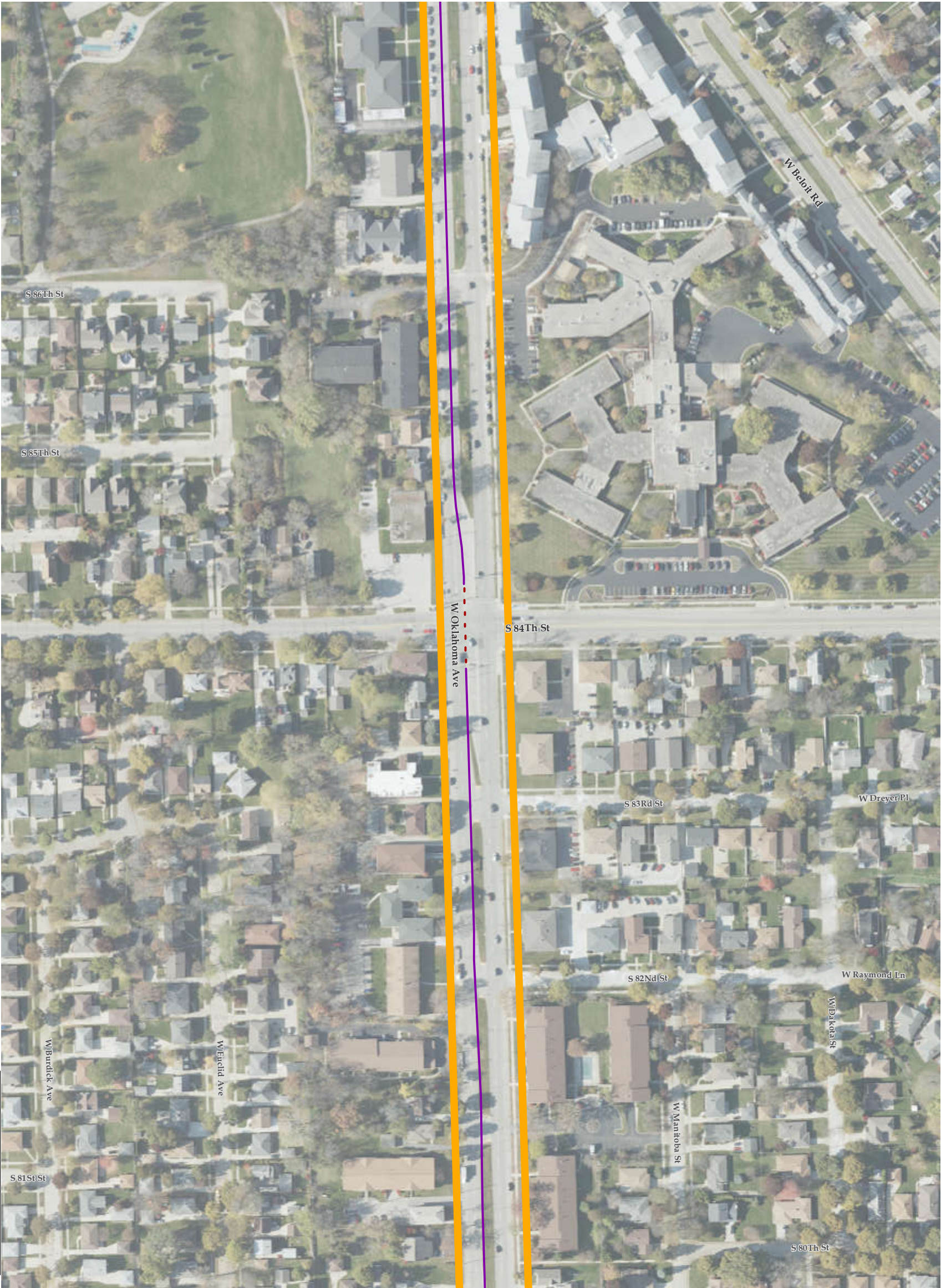



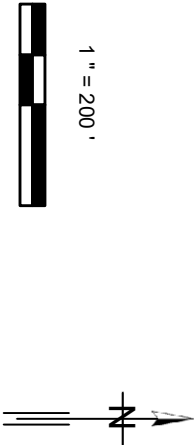


EXHIBIT A
SHEET 81 OF 118

- LEGEND**
-  DISTURBED - NOT SHOVEL TESTED
 -  WATER SUPPLY PIPELINE
 -  HDD/JACK AND BORE SEGMENT

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

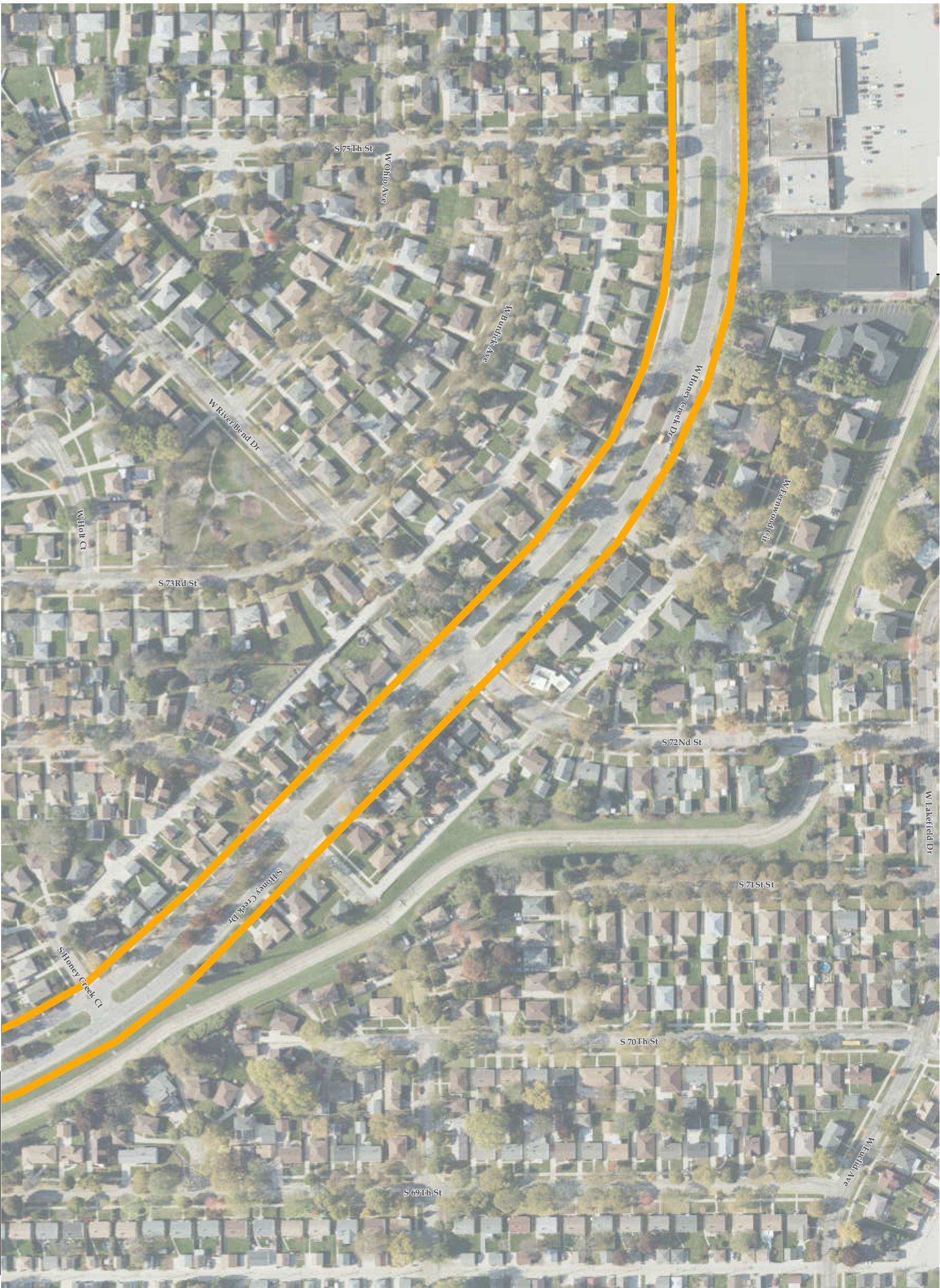
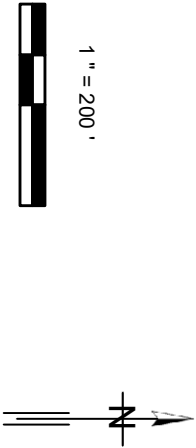


EXHIBIT A
SHEET 83 OF 118

LEGEND
DISTURBED - NOT SHOVEL TESTED

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

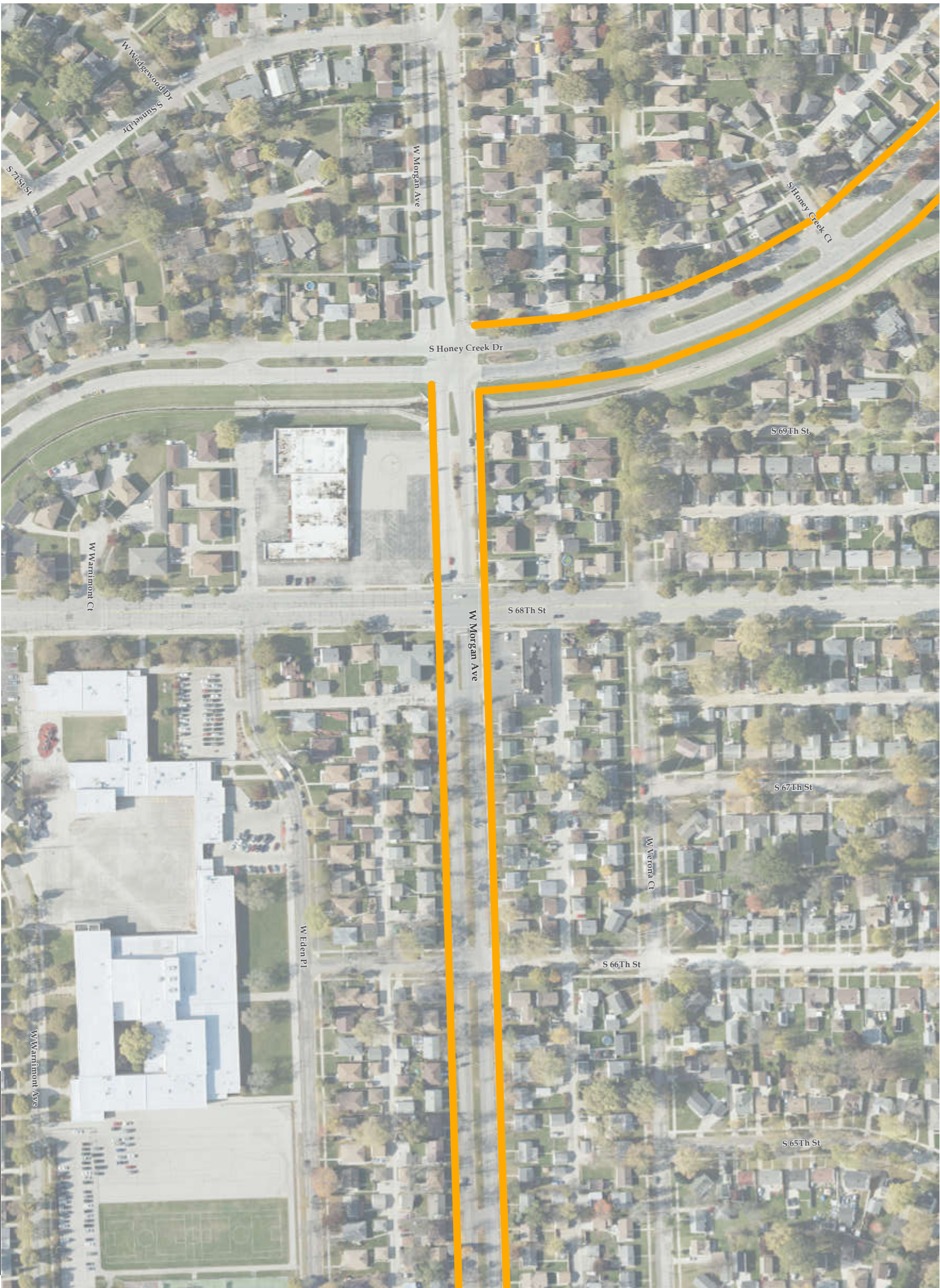


EXHIBIT A
SHEET 84 OF 118

LEGEND
DISTURBED - NOT SHOVEL TESTED

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

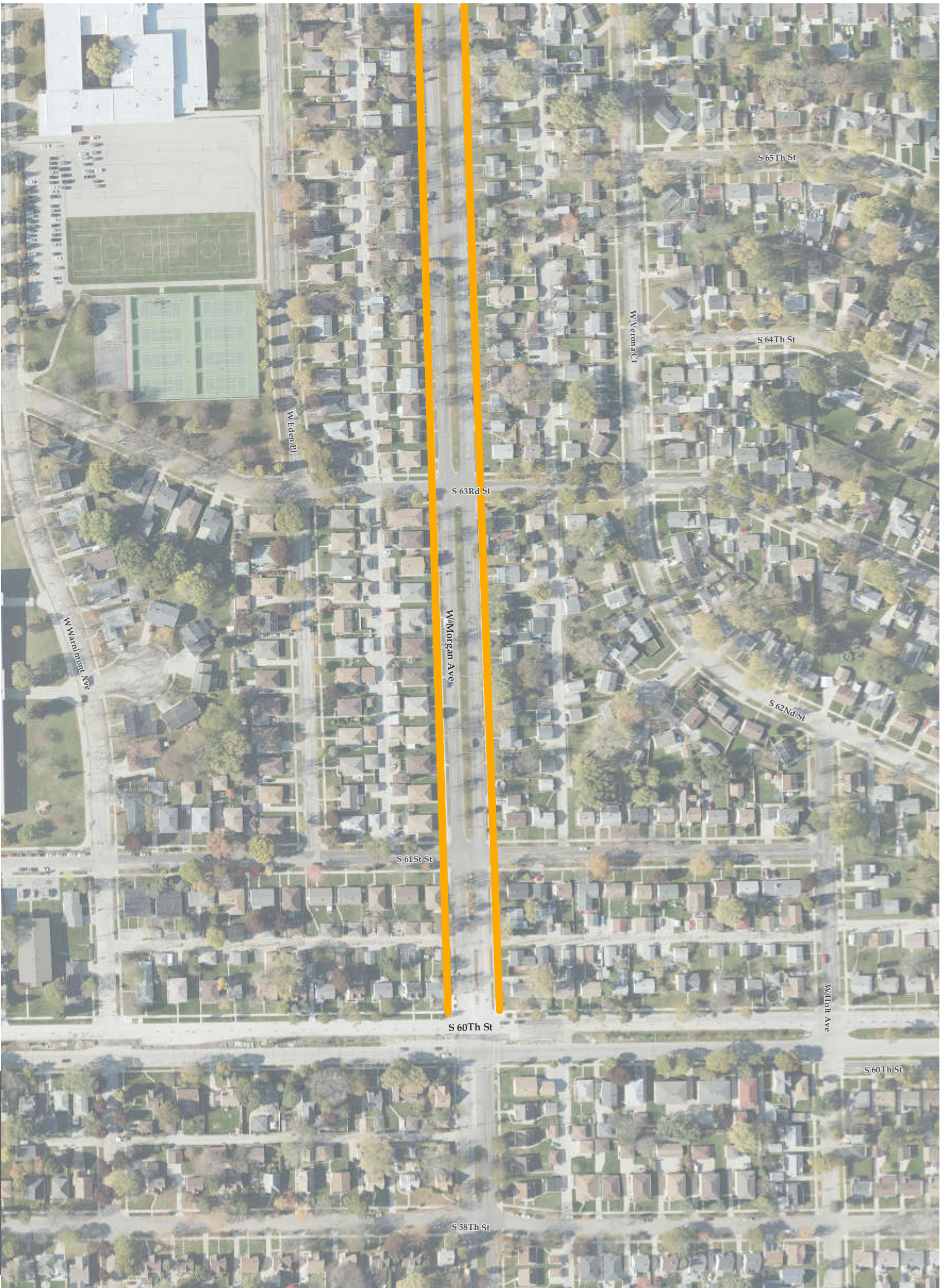


EXHIBIT A

SHEET 85 OF 118

LEGEND

DISTURBED - NOT SHOVEL TESTED

- NOTES
1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019

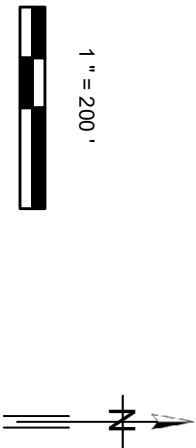


EXHIBIT A
SHEET 86 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Date: 4/25/2019

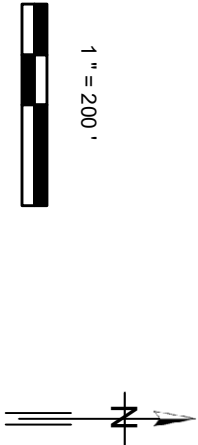


LEGEND

SHOVEL TEST - 15 M INTERVAL

EXHIBIT A
SHEET 87 OF 118

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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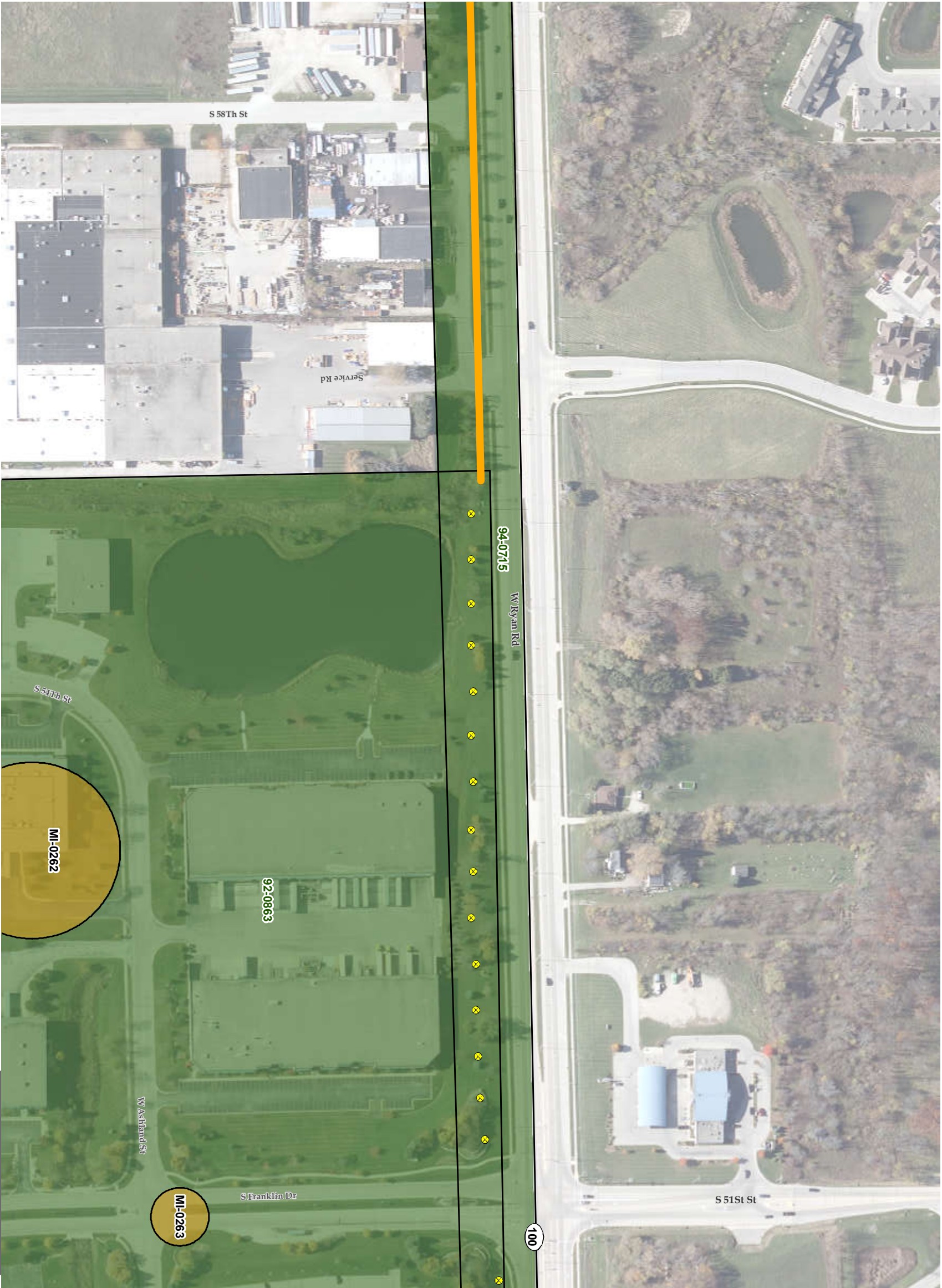
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

ARCHAEOLOGICAL SITE

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A
SHEET 88 OF 118

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/25/2019



LEGEND

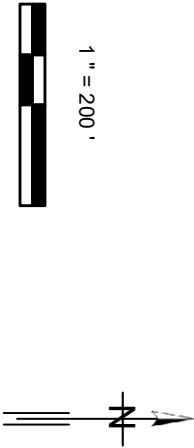
 SHOVEL TEST - 15 M INTERVAL

 ARCHAEOLOGICAL SITE

 PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.





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EXHIBIT A
SHEET 90 OF 118

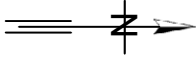
LEGEND

-  SHOVEL TEST - 15 M INTERVAL
 ARCHAEOLOGICAL SITE
 PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES


1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE

1" = 200'



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Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY MAP**
Date: 4/25/2019



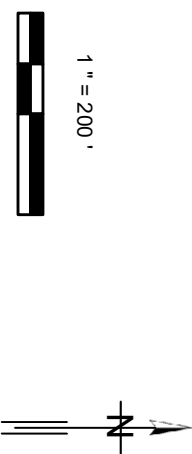
EXHIBIT A
SHEET 91 OF 118

LEGEND

- SHOVEL TEST - 15M INTERVAL
PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin

Great Lakes Water Supply Program

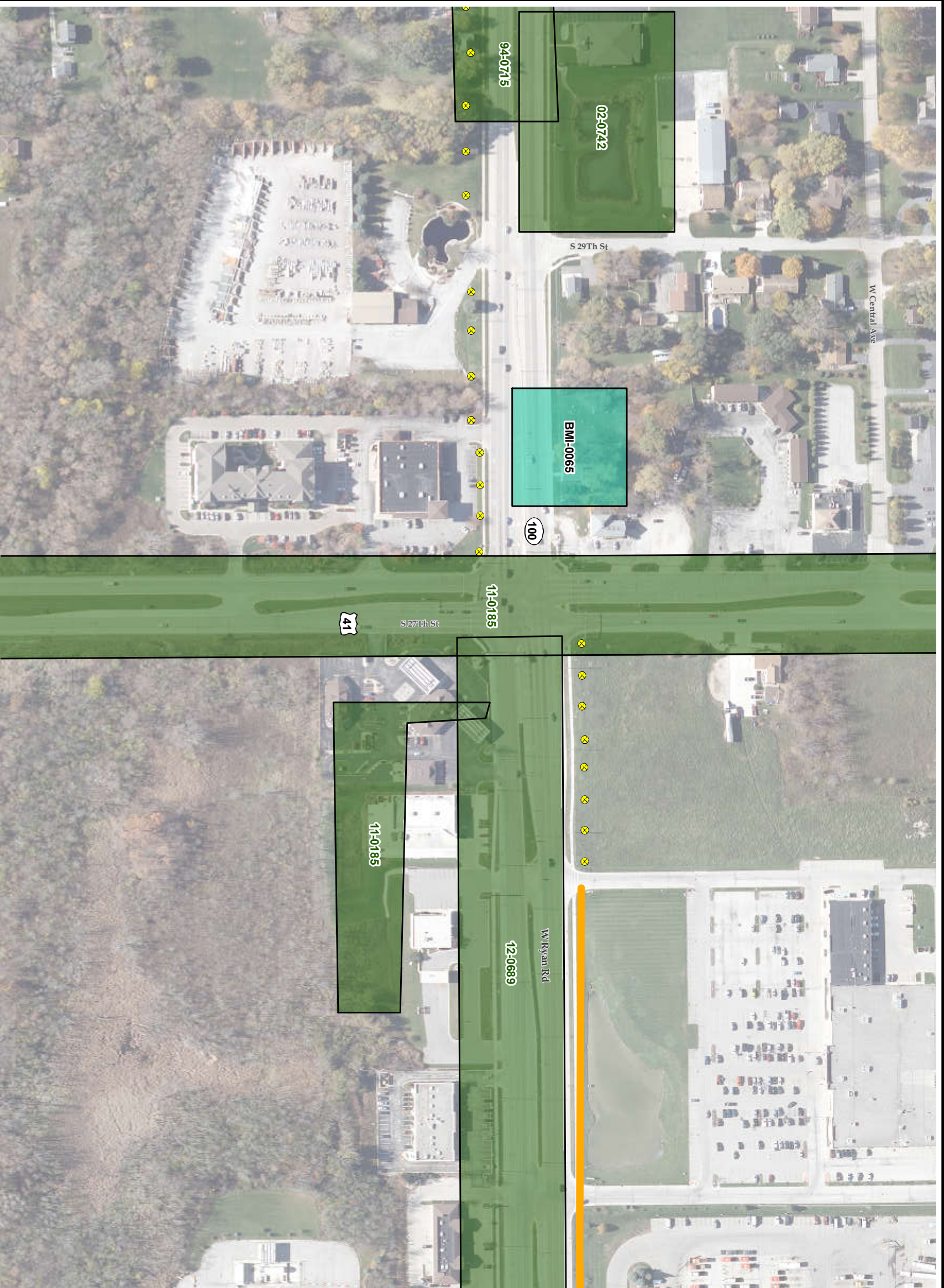
PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019



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LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

CEMETERY

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

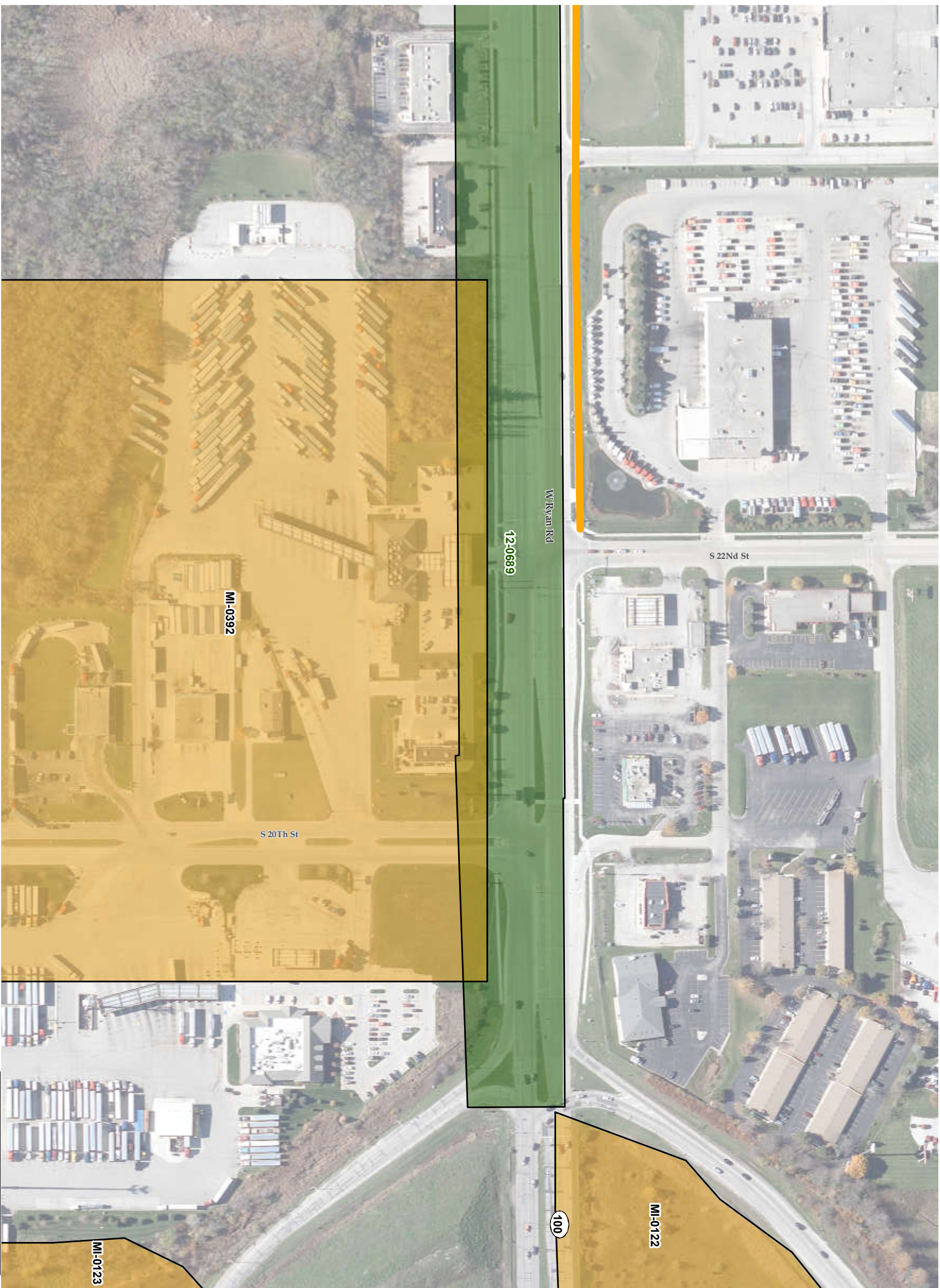
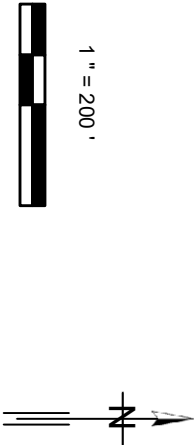


EXHIBIT A
SHEET 93 OF 118

- LEGEND**
- DISTURBED - NOT SHOVEL TESTED
 - ARCHAEOLOGICAL SITE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
 3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



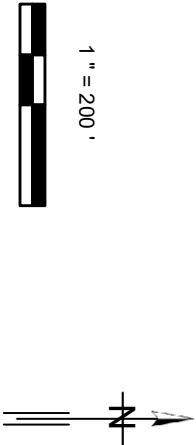
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019





- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
 3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.






LEGEND

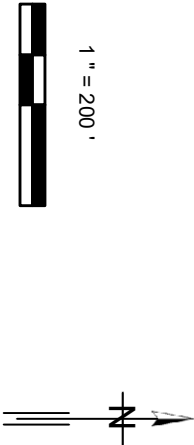
 SHOVEL TEST - 15 M INTERVAL

 CEMETERY

 PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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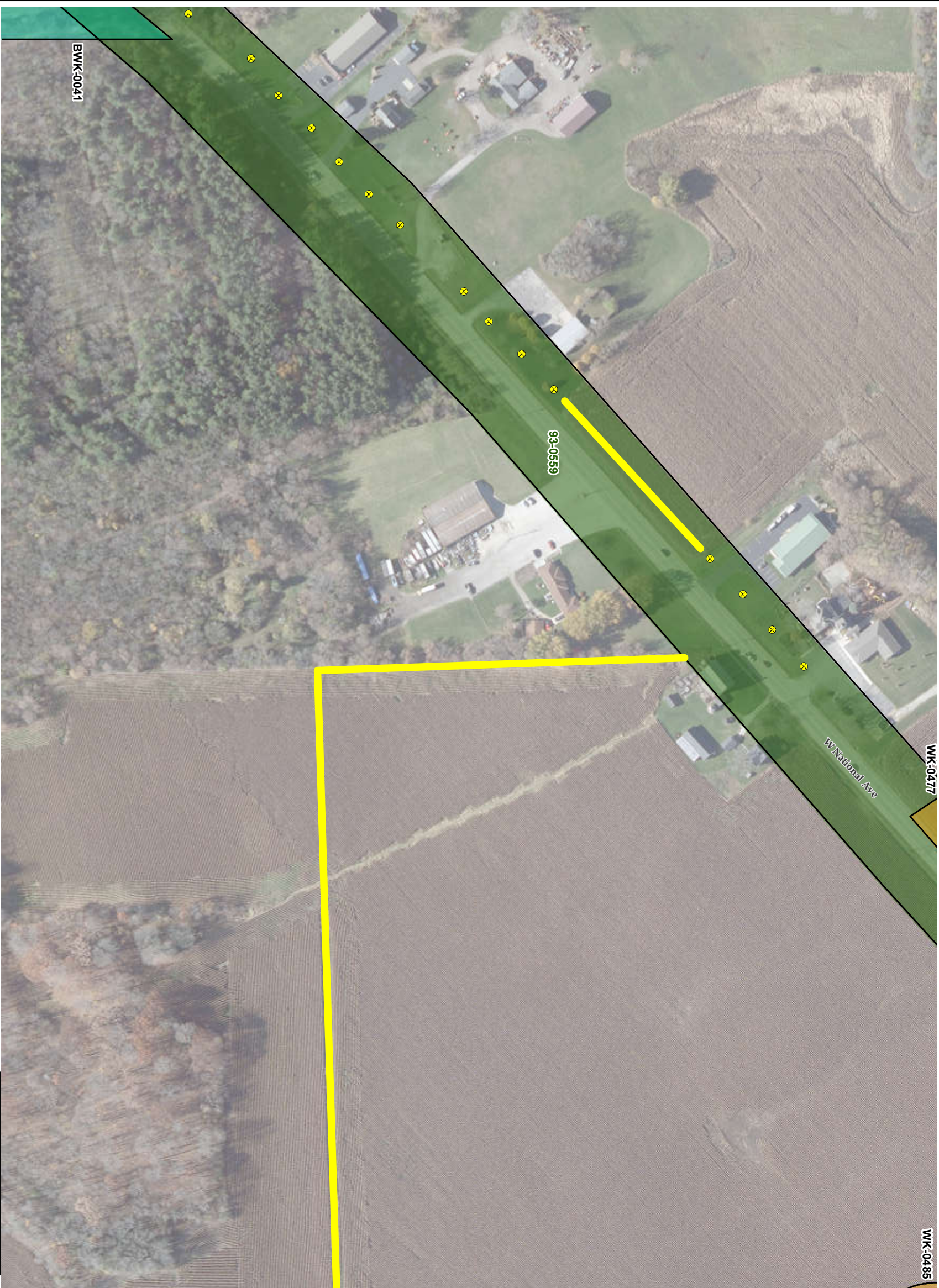


EXHIBIT A
SHEET 96 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - ARCHAEOLOGICAL SITE
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

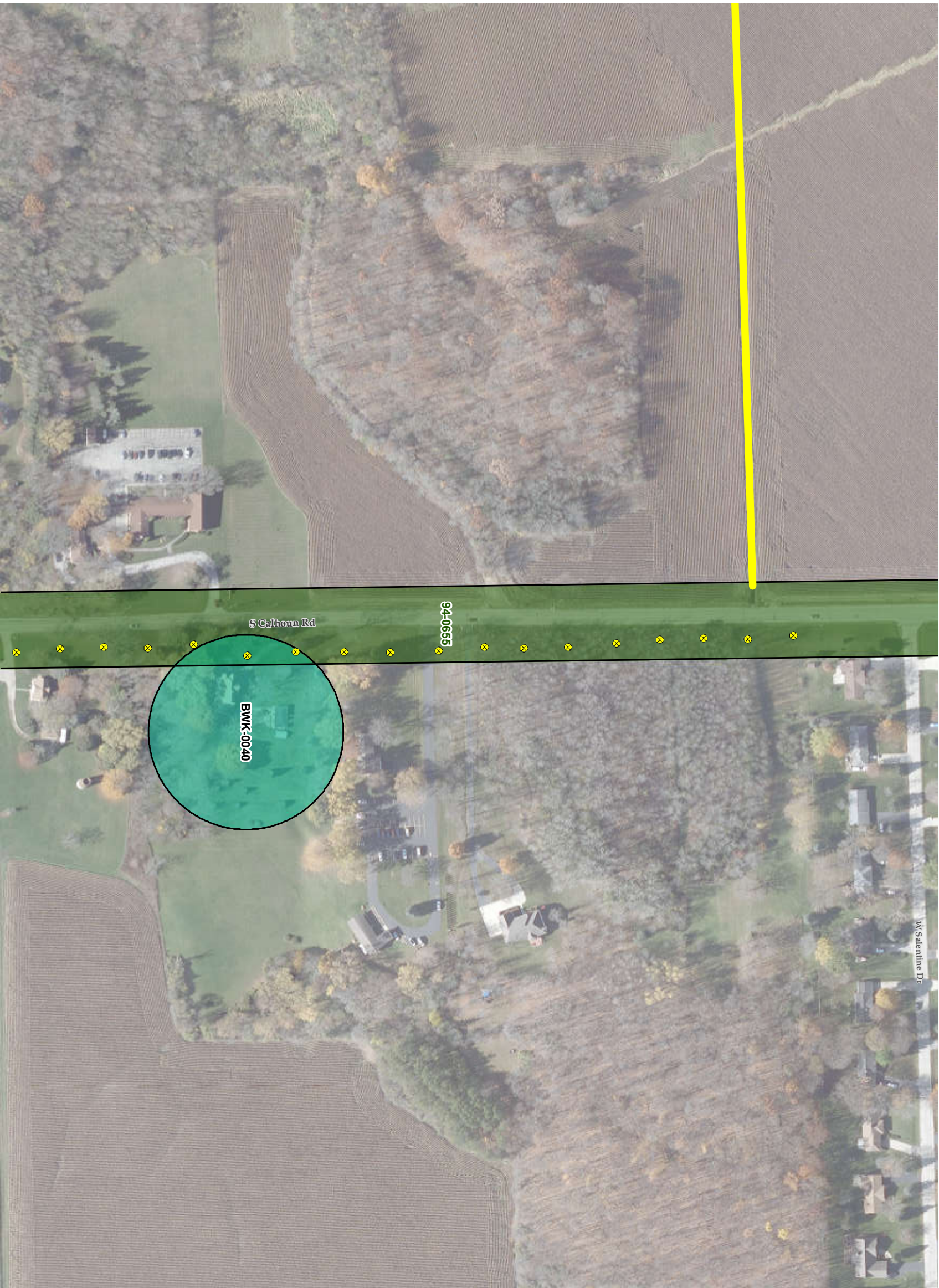


EXHIBIT A
SHEET 97 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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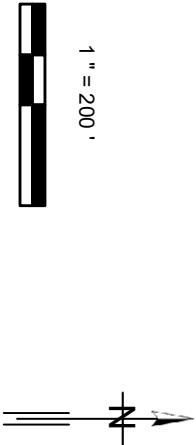
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 98 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES**
- BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 - CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
 - SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 99 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 100 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - RETURN FLOW PIPELINE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



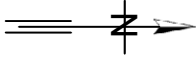
LEGEND

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019

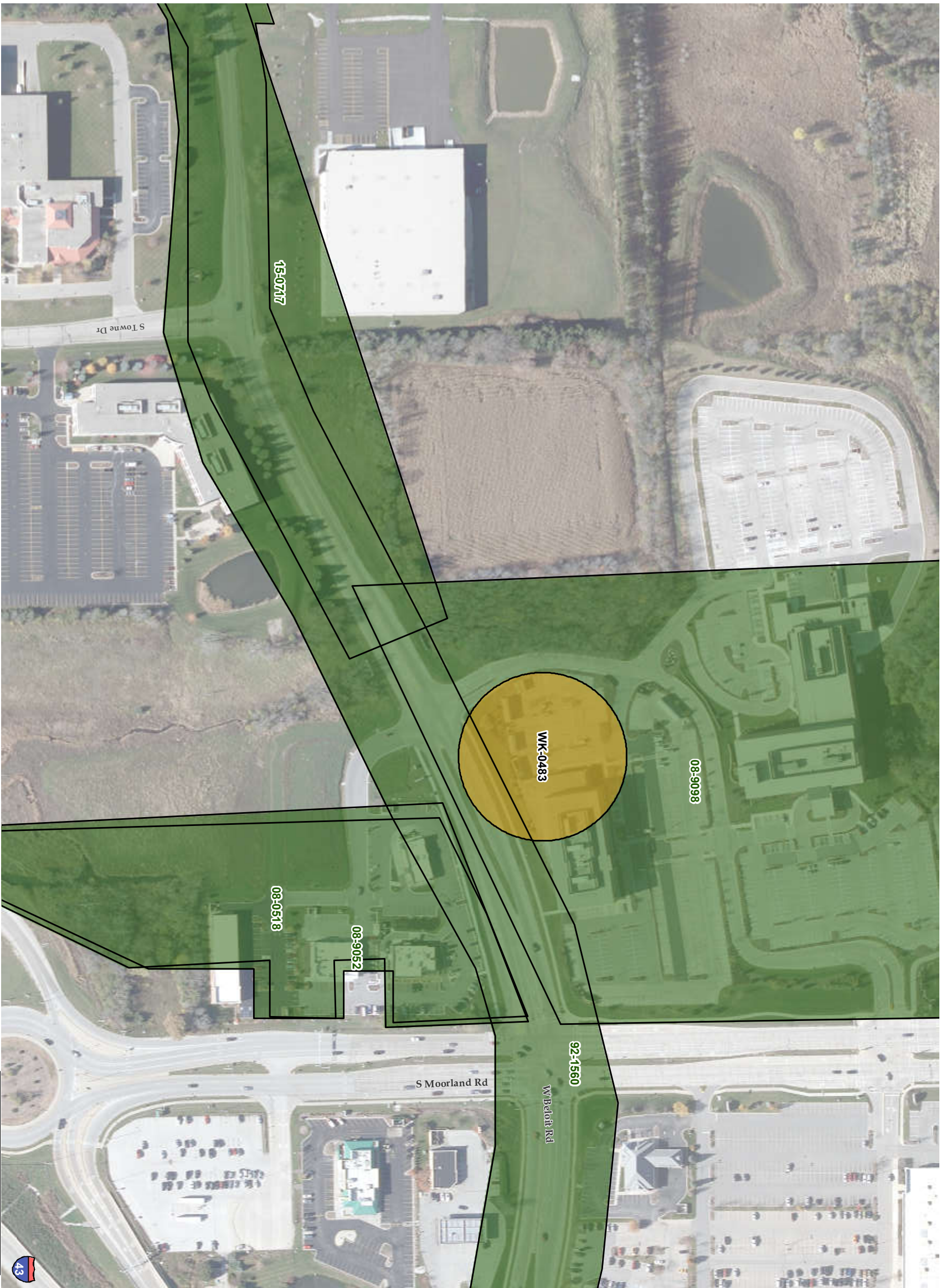


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LEGEND

ARCHAEOLOGICAL SITE

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A
SHEET 102 OF 118

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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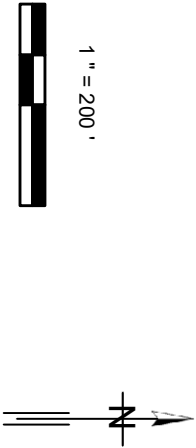
Waukesha, Wisconsin
Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019



- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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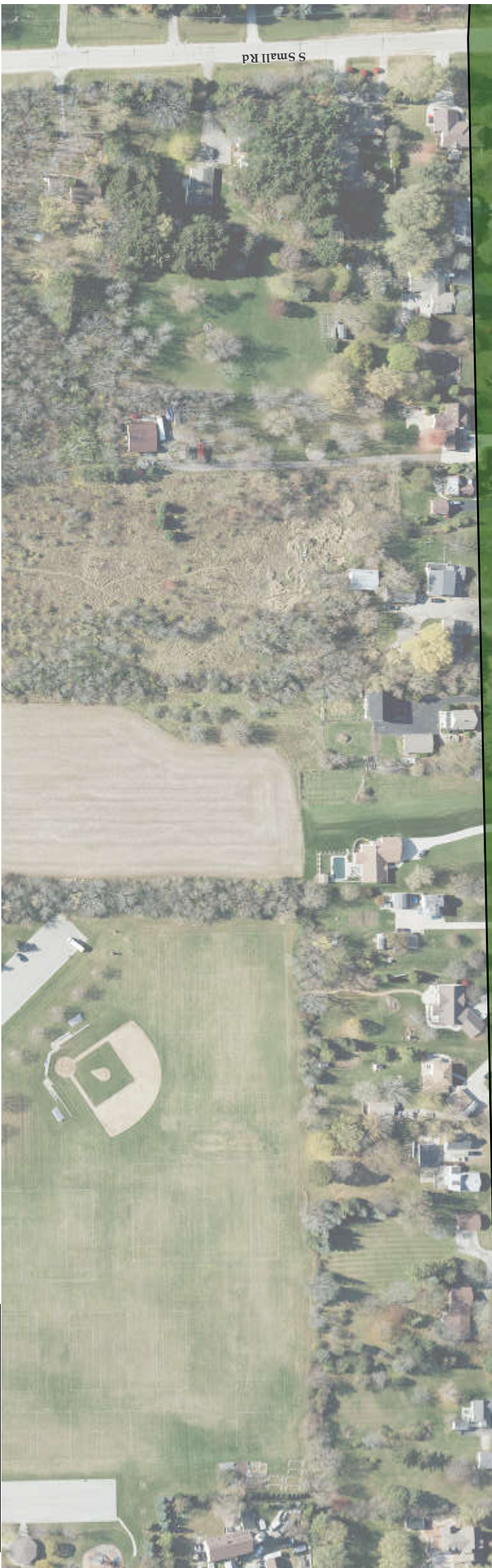


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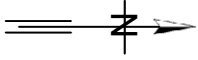
LEGEND

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019



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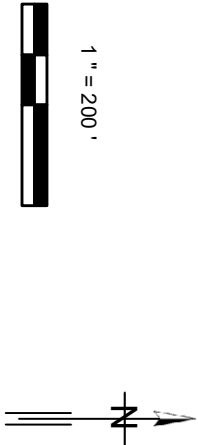


EXHIBIT A
SHEET 105 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



EXHIBIT A
SHEET 106 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

X

SHOVEL TEST - 15 M INTERVAL

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3.

SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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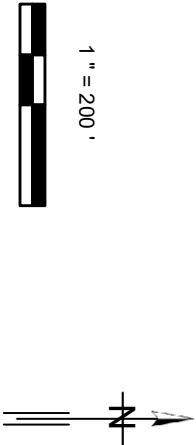
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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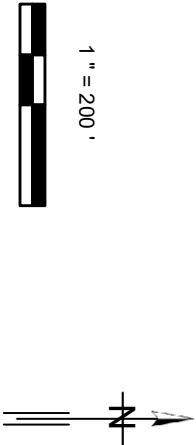


- NOTES
1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3.

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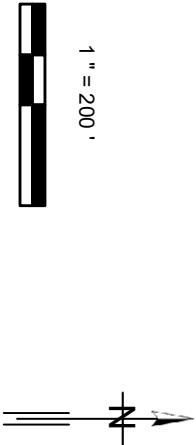




EXHIBIT A
SHEET 110 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES**
- BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 - CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

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Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019



EXHIBIT A
SHEET 112 OF 118

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - DISTURBED - NOT SHOVEL TESTED

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



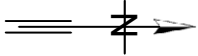
LEGEND

 DISTURBED - NOT SHOVEL TESTED

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

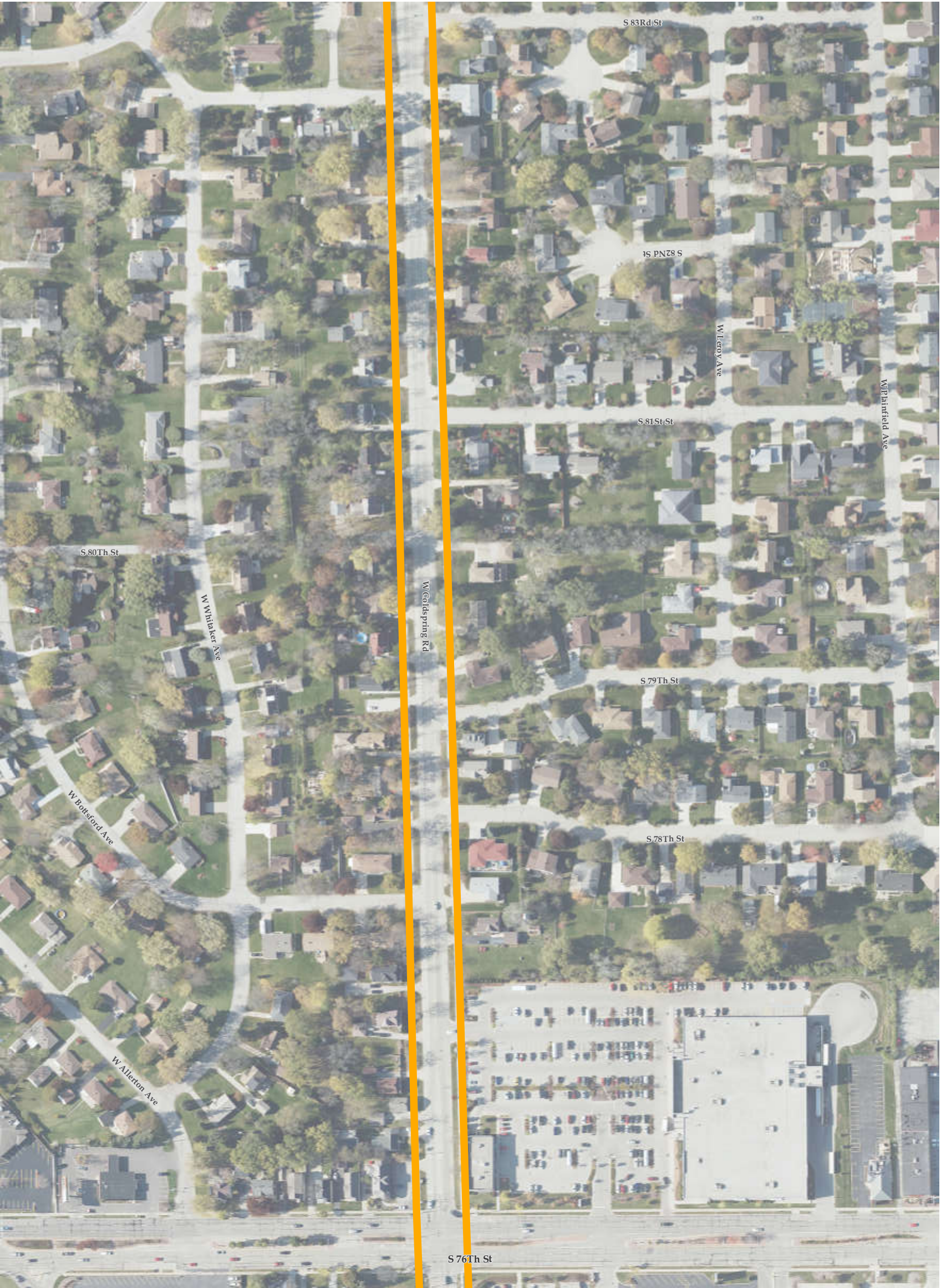


EXHIBIT A
SHEET 114 OF 118

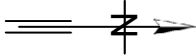
LEGEND

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NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019



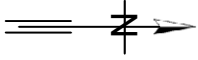
LEGEND

 DISTURBED - NOT SHOVEL TESTED

NOTES

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1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

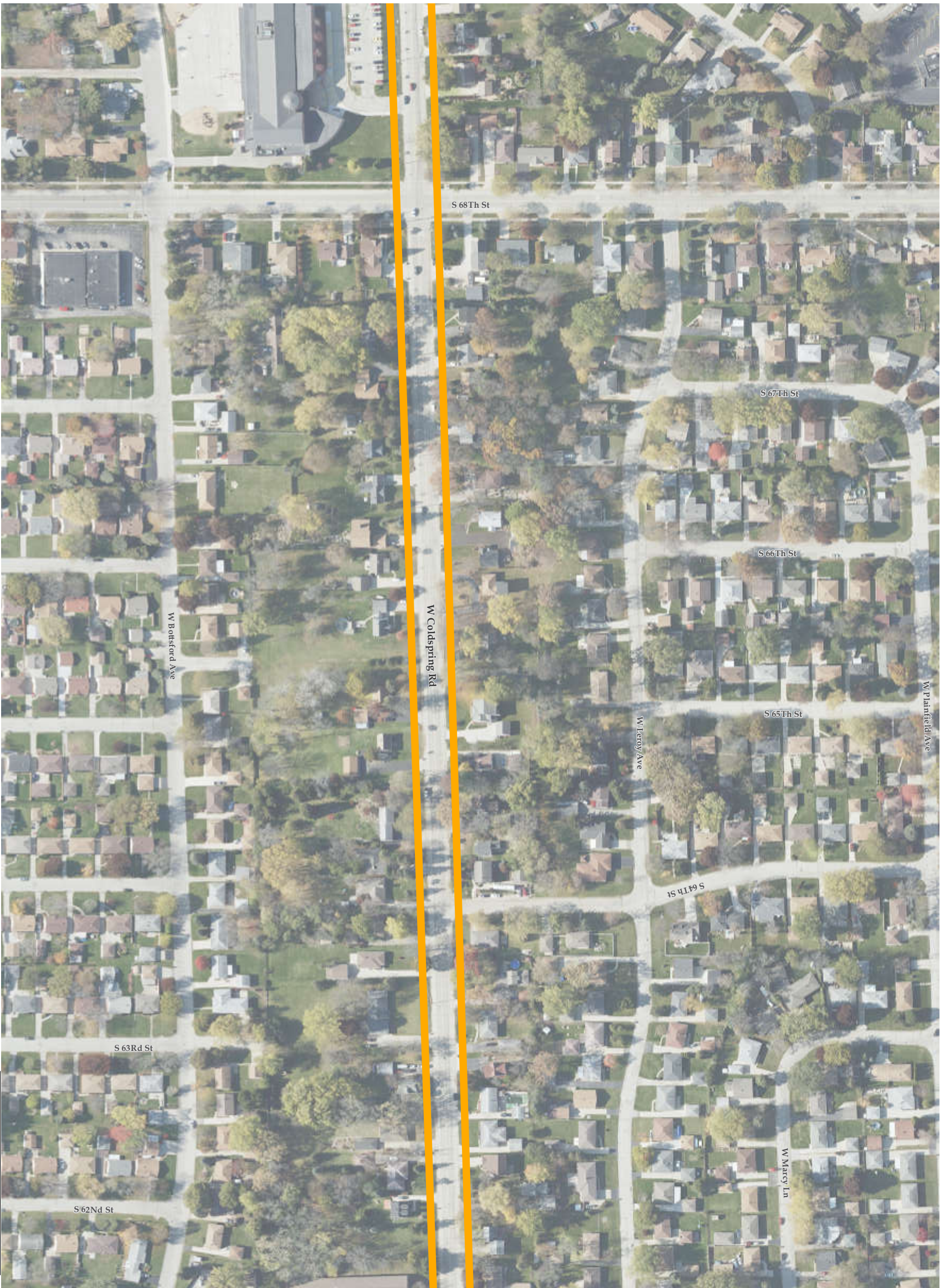


EXHIBIT A
SHEET 116 OF 118

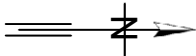
LEGEND

 DISTURBED - NOT SHOVEL TESTED

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL

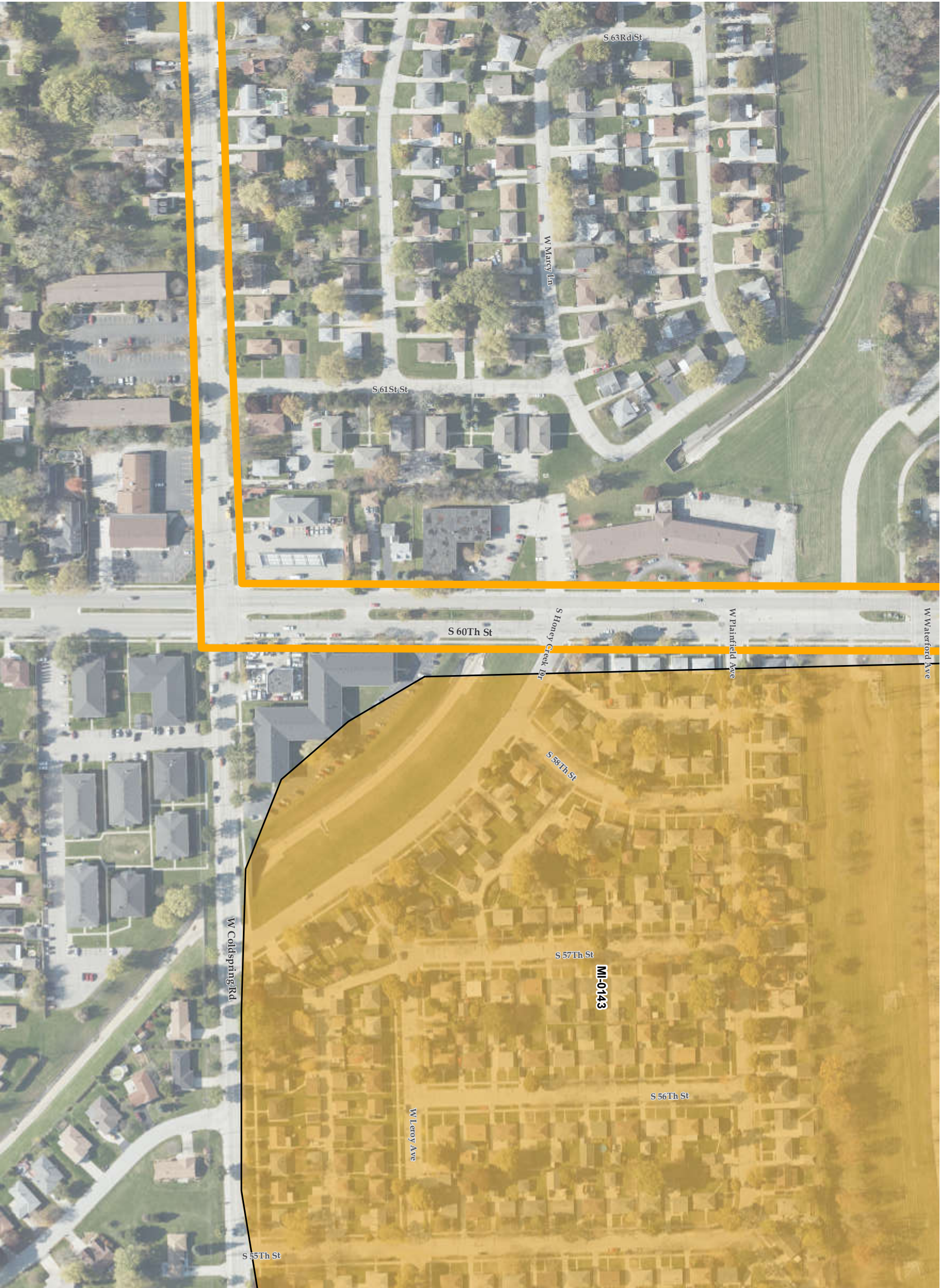
SURVEY MAP

Date: 4/25/2019



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LEGEND

DISTURBED - NOT SHOVEL TESTED

ARCHAEOLOGICAL SITE

EXHIBIT A

SHEET 117 OF 118

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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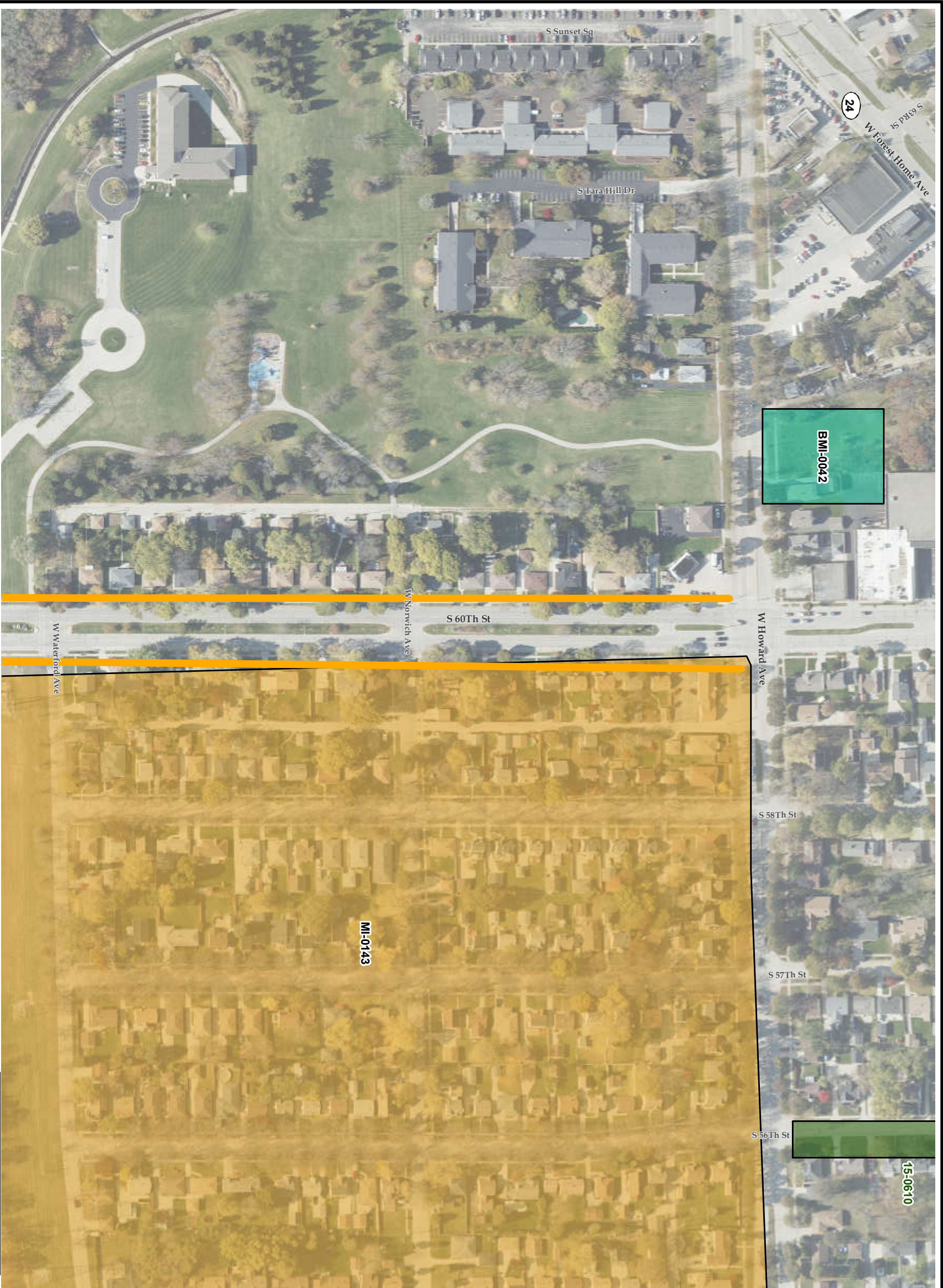
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Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/25/2019



LEGEND

DISTURBED - NOT SHOVEL TESTED

ARCHAEOLOGICAL SITE

CEMETERY

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A

SHEET 118 OF 118

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.

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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/25/2019

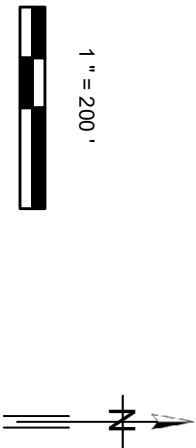


EXHIBIT A
SHEET 1 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - NHD STREAM/RIVER
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019

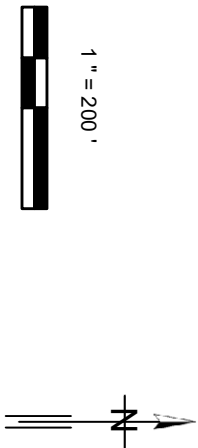


EXHIBIT A
SHEET 2 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - NHD STREAM/RIVER
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019

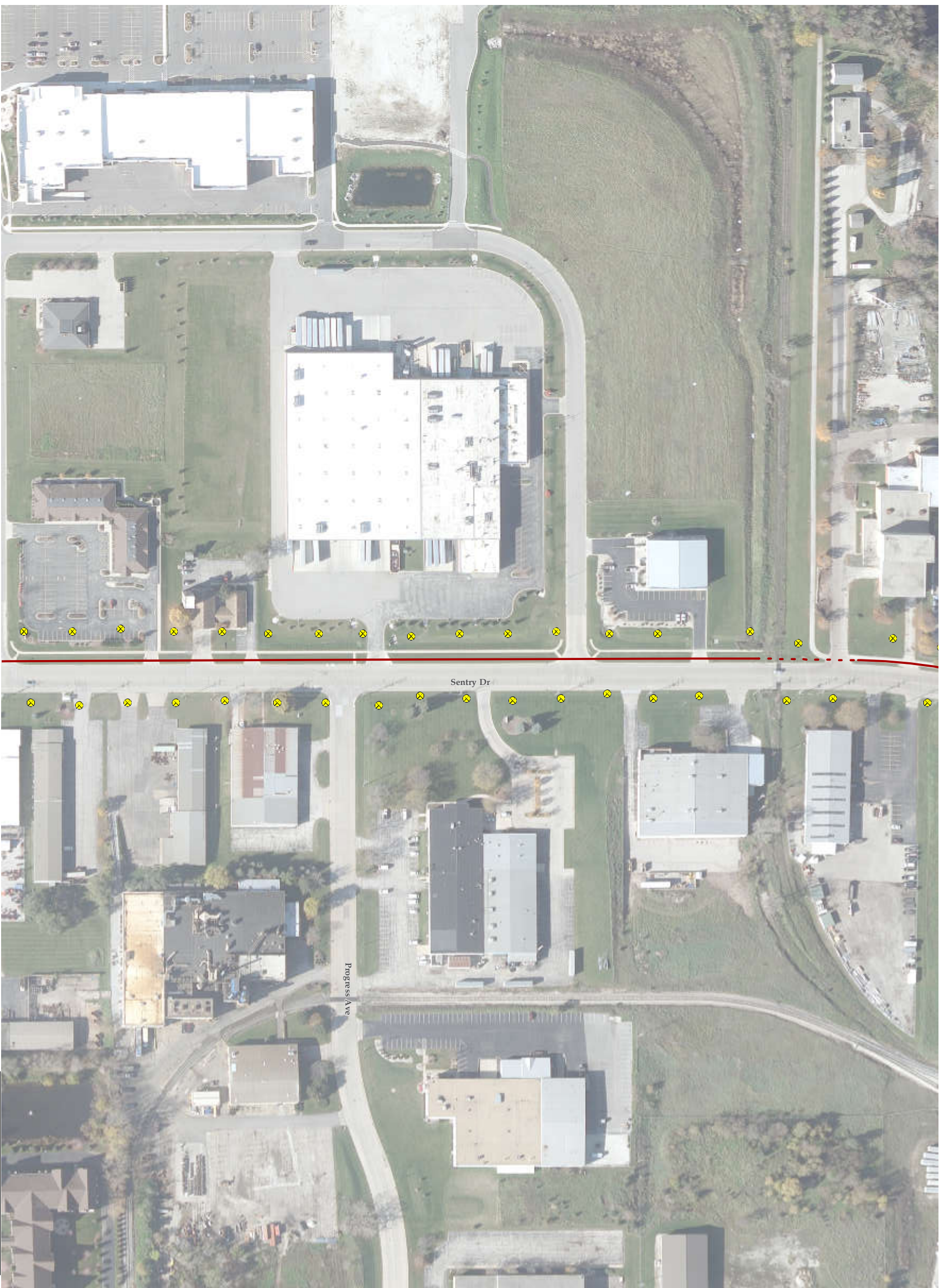
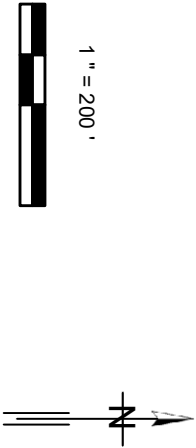


EXHIBIT A
SHEET 3 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT

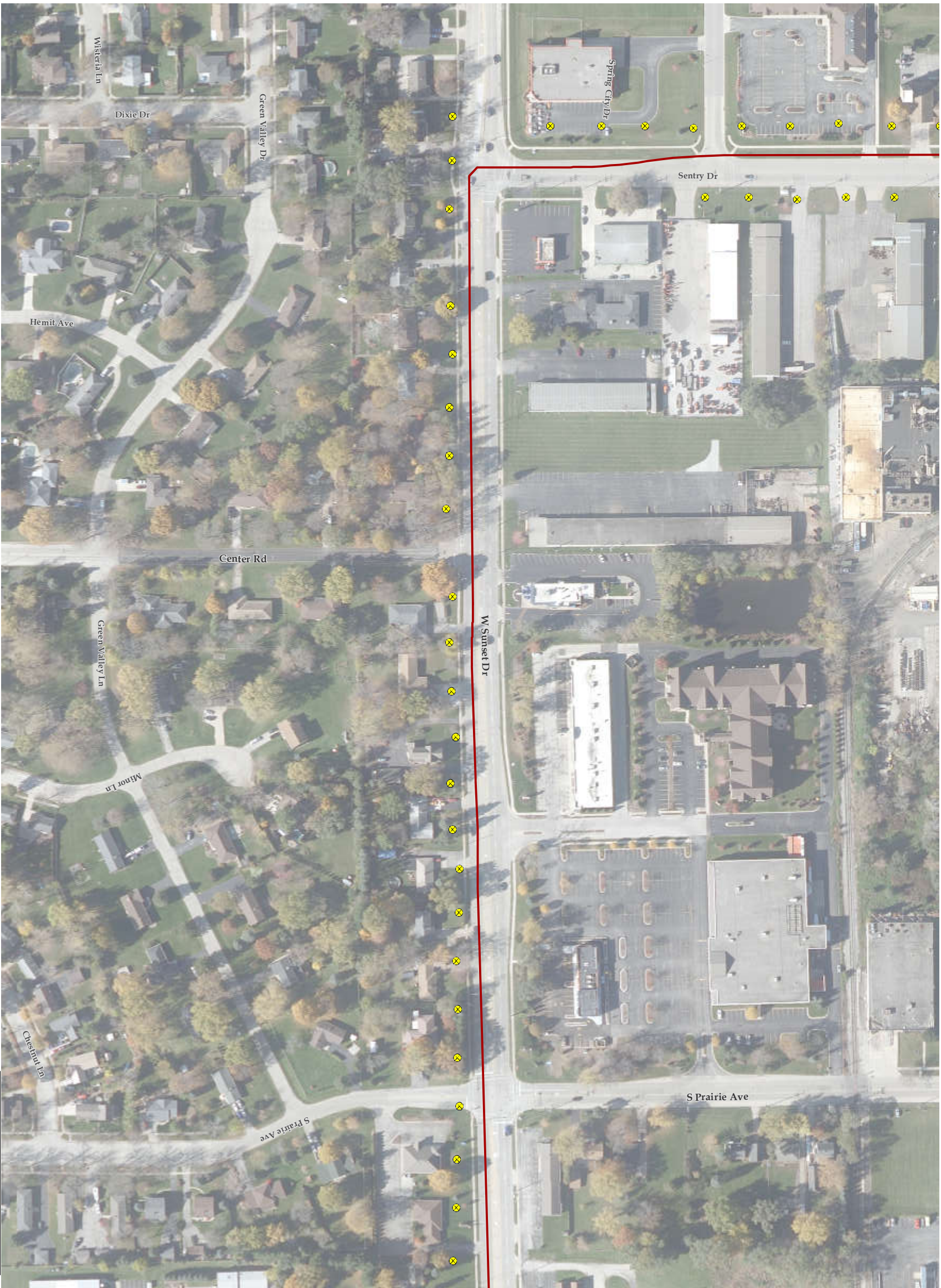
- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

 SHOVEL TEST - 15 M INTERVAL

 RETURN FLOW PIPELINE

EXHIBIT A
SHEET 4 OF 82

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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PHASE I ARCHAEOLOGICAL
SURVEY MAP

Date: 4/24/2019



EXHIBIT A
SHEET 5 OF 82

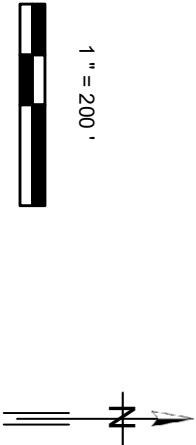
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- DISTURBED - NOT SHOVEL TESTED
- RETURN FLOW PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

 SHOVEL TEST - 15 M INTERVAL

 RETURN FLOW PIPELINE

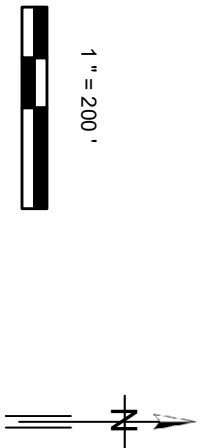
EXHIBIT A

SHEET 6 OF 82

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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LEGEND

EXHIBIT A

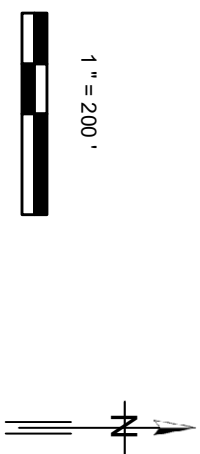
SHEET 8 OF 82

LEGEND

-
-  SHOVEL TEST - 15 M INTERVAL
 LAND TOO WET TO SHOVEL TEST
 WETLAND IMPACT
 DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 NHD STREAM/RIVER
 WATERWAY
 NON-NAVIGABLE STREAM
 RETURN FLOW PIPELINE
 HDD/JACK AND BORE SEGMENT
 PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/24/2019



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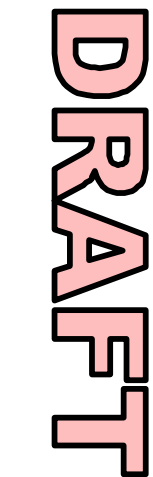


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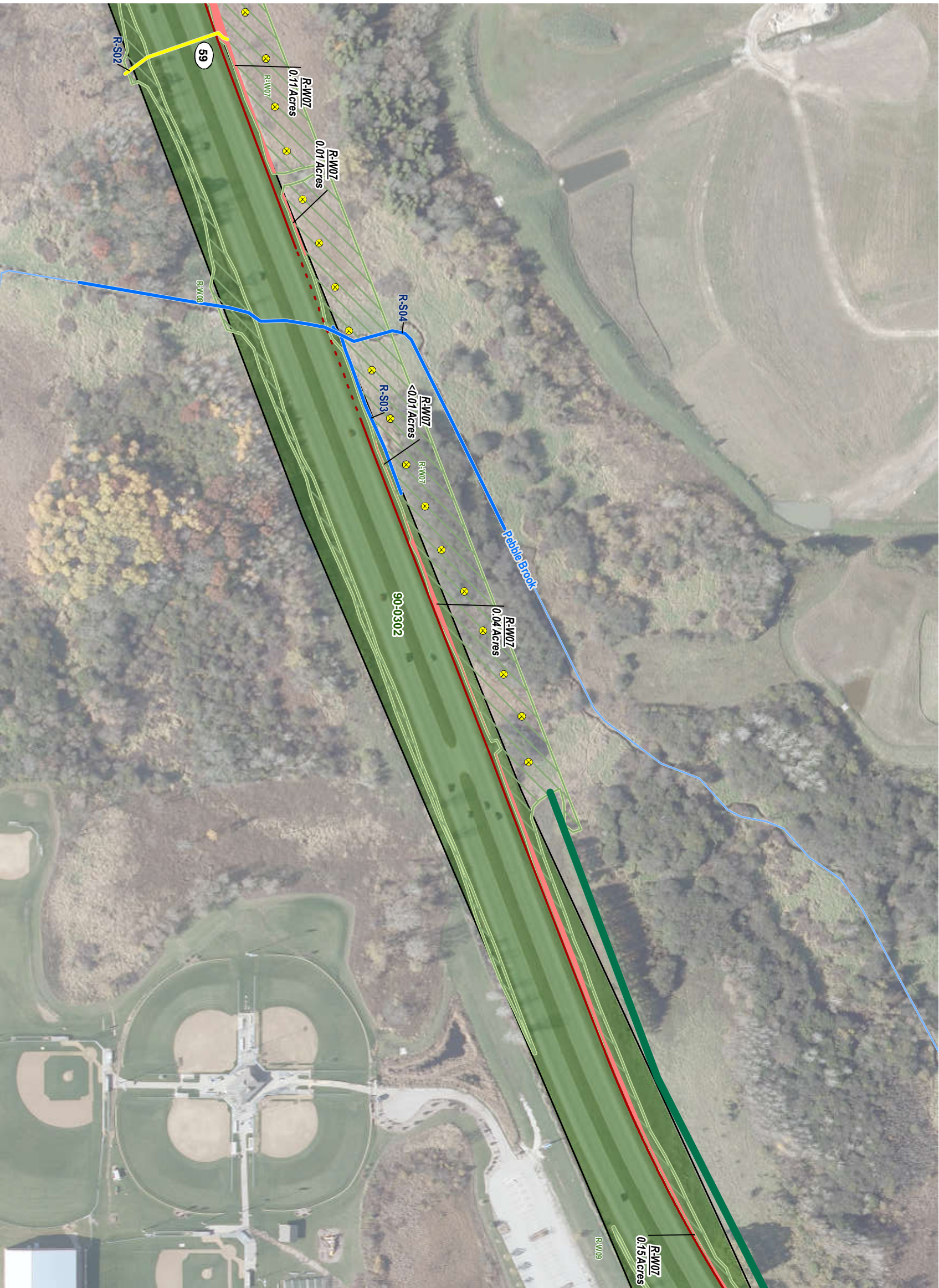


EXHIBIT A
SHEET 9 OF 82

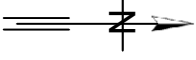
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- LAND TOO WET TO SHOVEL TEST
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- WATERWAY
- NHD STREAM/RIVER
- WATERWAY
- NON-NAVIGABLE STREAM
- RETURN FLOW PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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1" = 200'



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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



EXHIBIT A
SHEET 10 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - LAND TOO WET TO SHOVEL TEST
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - WATERWAY
 - NHD STREAM/RIVER
 - WATERWAY
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

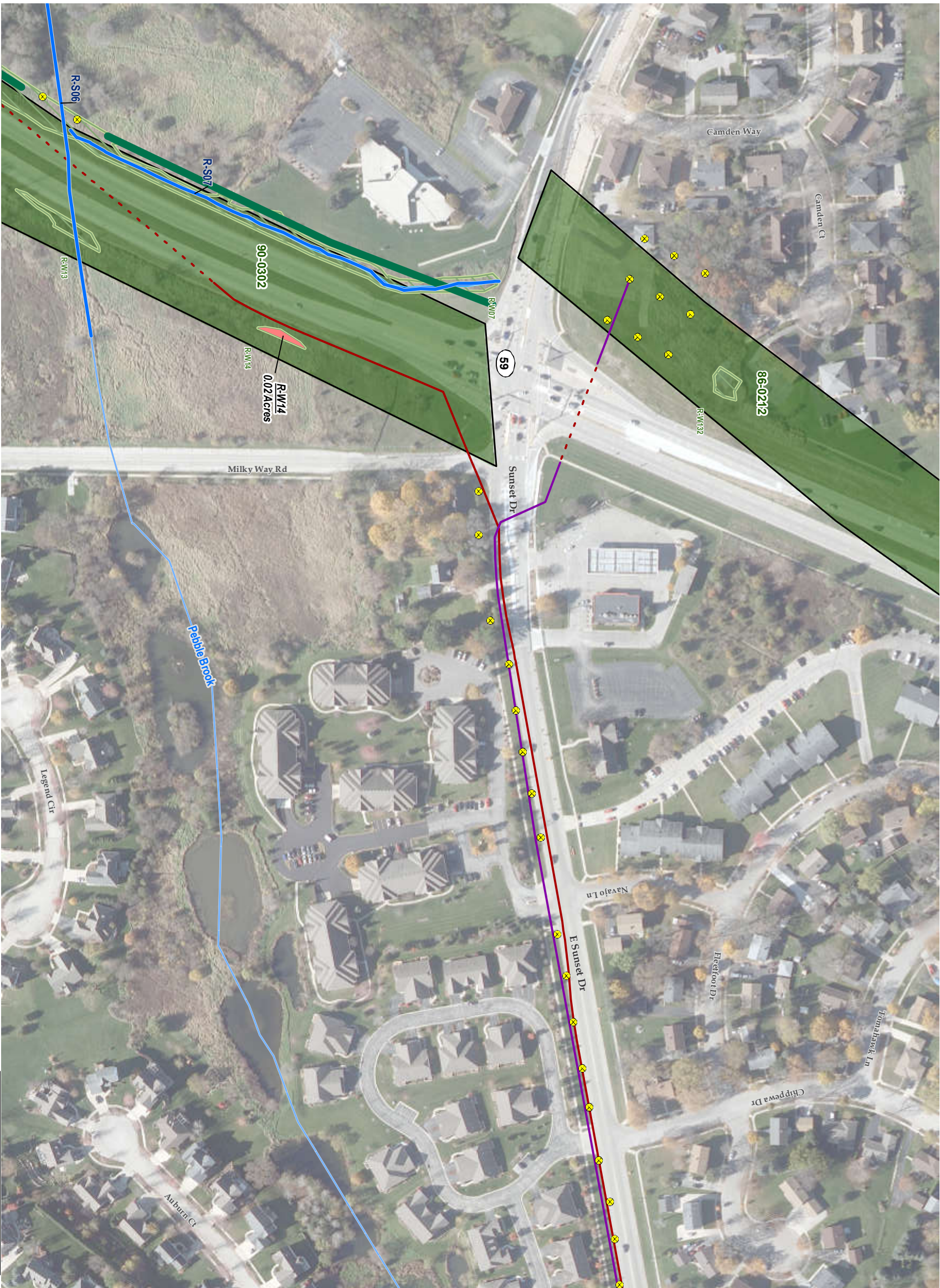
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



- LEGEND

SHOVEL TEST - 15 M INTERVAL

LAND TOO WET TO SHOVEL TEST

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

WATERWAY

NHD STREAM/RIVER

WATERWAY

WATER SUPPLY PIPELINE

RETURN FLOW PIPELINE

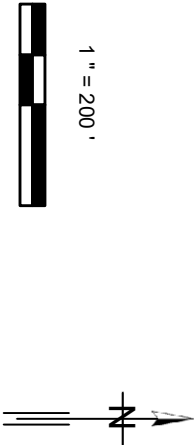
HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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PHASE I ARCHAEOLOGICAL SURVEY MAP
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- LEGEND

EXHIBIT A
SHEET 12 OF 82
- SHOVEL TEST - 15 M INTERVAL
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - NHD STREAM/RIVER
 - WATER SUPPLY PIPELINE
 - RETURN FLOW PIPELINE

- NOTES
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Great Lakes Water Supply Program
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SURVEY MAP
Date: 4/24/2019

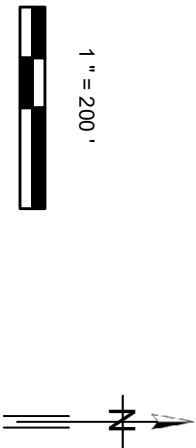


EXHIBIT A
SHEET 13 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - WATER SUPPLY PIPELINE
 - RETURN FLOW PIPELINE

NOTES

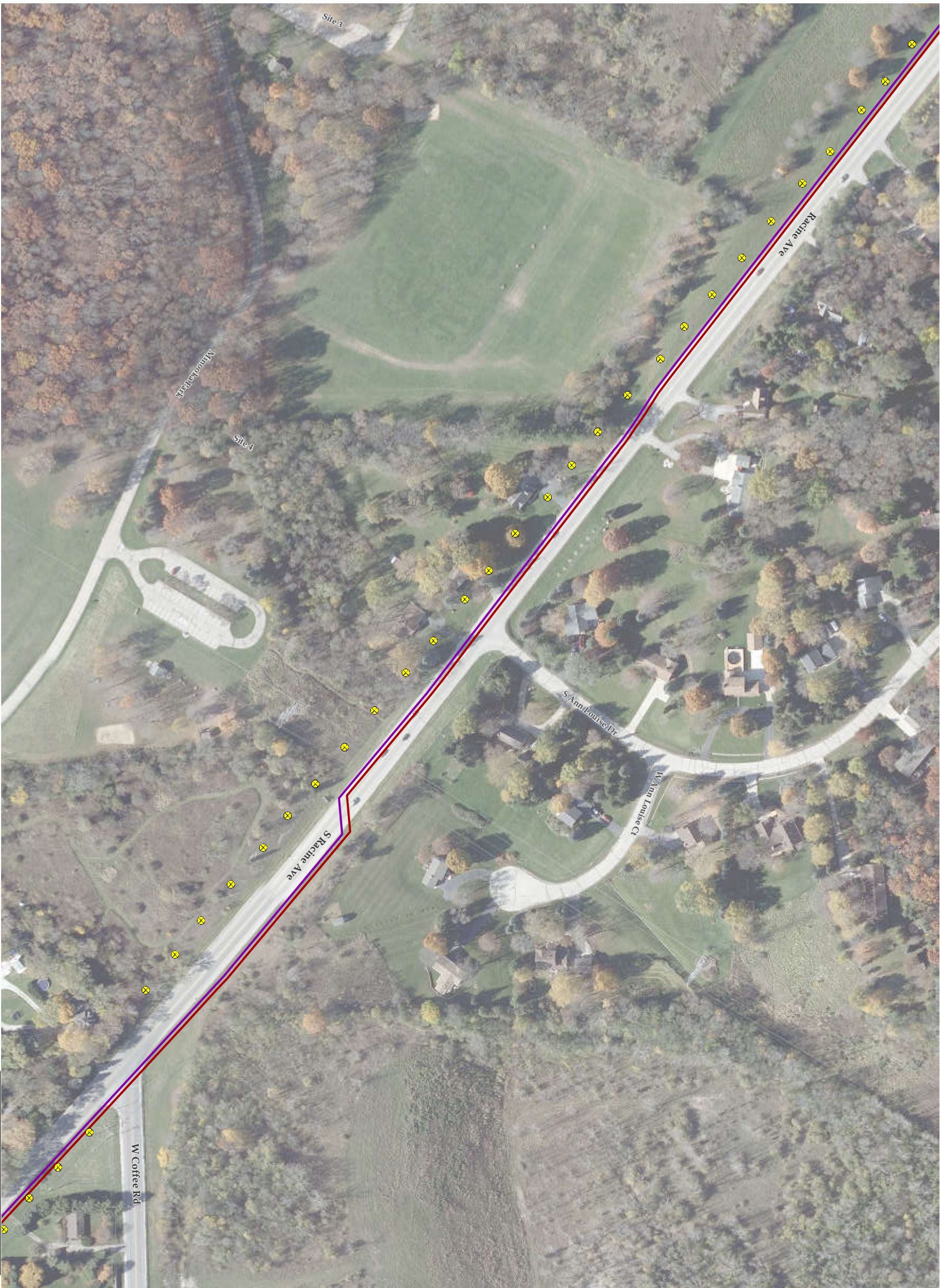
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

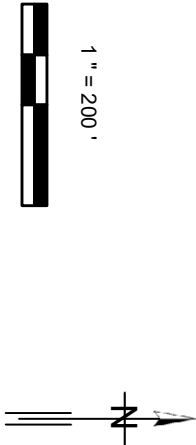
WATER SUPPLY PIPELINE

RETURN FLOW PIPELINE

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

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SURVEY MAP
Date: 4/24/2019



- LEGEND

EXHIBIT A
SHEET 15 OF 82
- SHOVEL TEST - 15 M INTERVAL
 - SURVEY COMPLETED USING A COMBINATION OF SURFACE COLLECT AND SHOVEL TESTS
 - NHD STREAM/RIVER
 - WATER SUPPLY PIPELINE
 - RETURN FLOW PIPELINE

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019

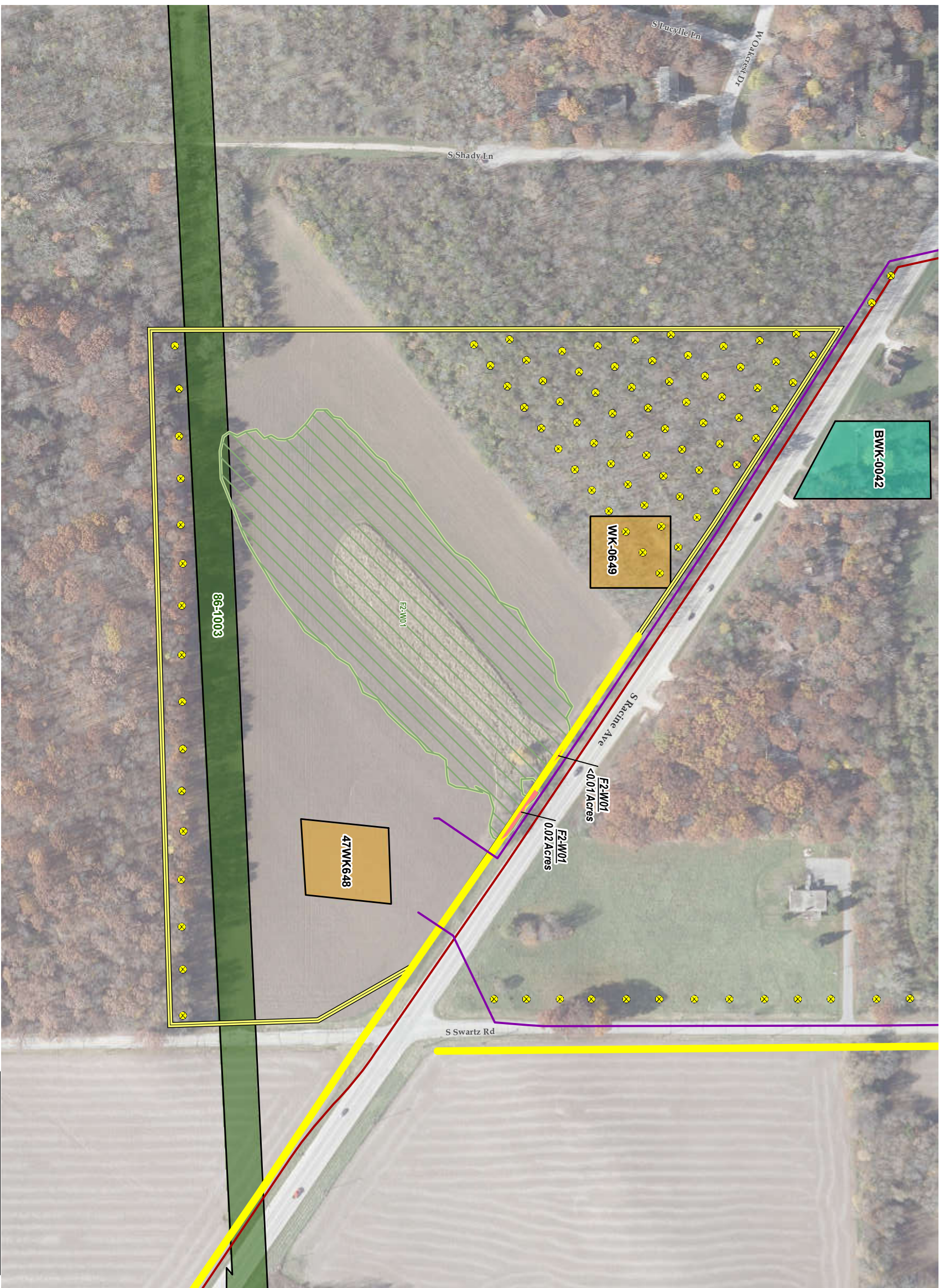


EXHIBIT A
SHEET 16 OF 82

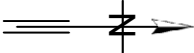
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- SURVEY COMPLETED USING A COMBINATION OF SURFACE COLLECT AND SHOVEL TESTS
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- WATER SUPPLY PIPELINE
- RETURN FLOW PIPELINE
- ARCHAEOLOGICAL SITE
- CEMETERY
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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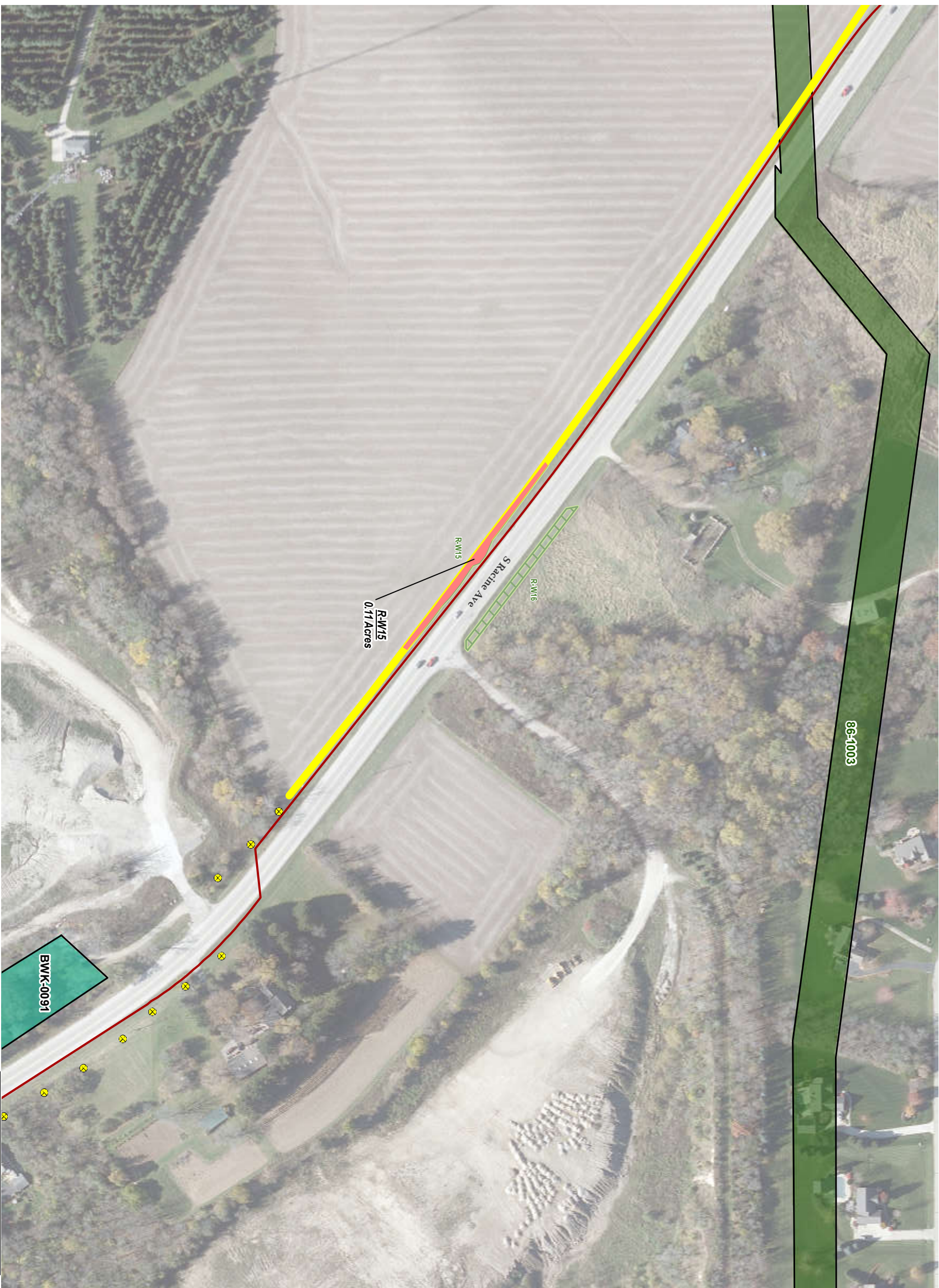
1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

RETURN FLOW PIPELINE

CEMETERY

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



EXHIBIT A
SHEET 18 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - NHD STREAM/RIVER
 - RETURN FLOW PIPELINE
 - CEMETERY

NOTES

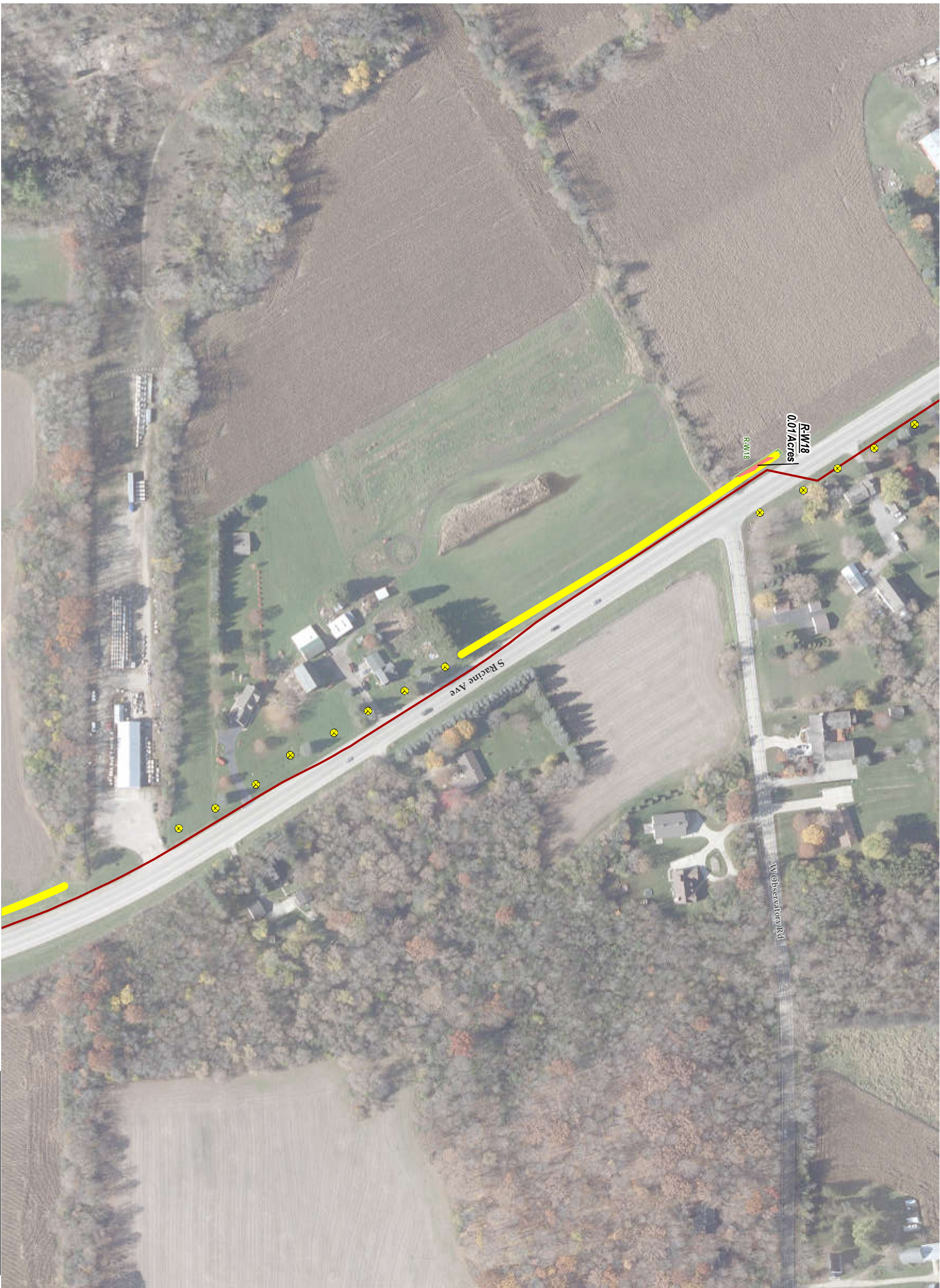
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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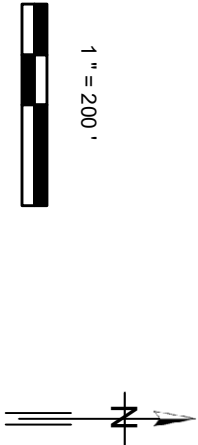
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



- LEGEND

EXHIBIT A
SHEET 19 OF 82
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - RETURN FLOW PIPELINE

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019

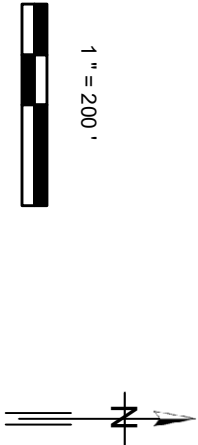


LEGEND

EXHIBIT A
SHEET 20 OF 82

- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- LAND TOO WET TO SHOVEL TEST
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- NHD STREAM/RIVER
- RETURN FLOW PIPELINE

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
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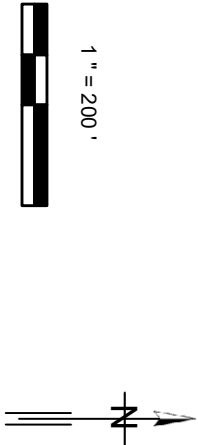


EXHIBIT A
SHEET 21 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - LAND TOO WET TO SHOVEL TEST
 - NHD STREAM/RIVER
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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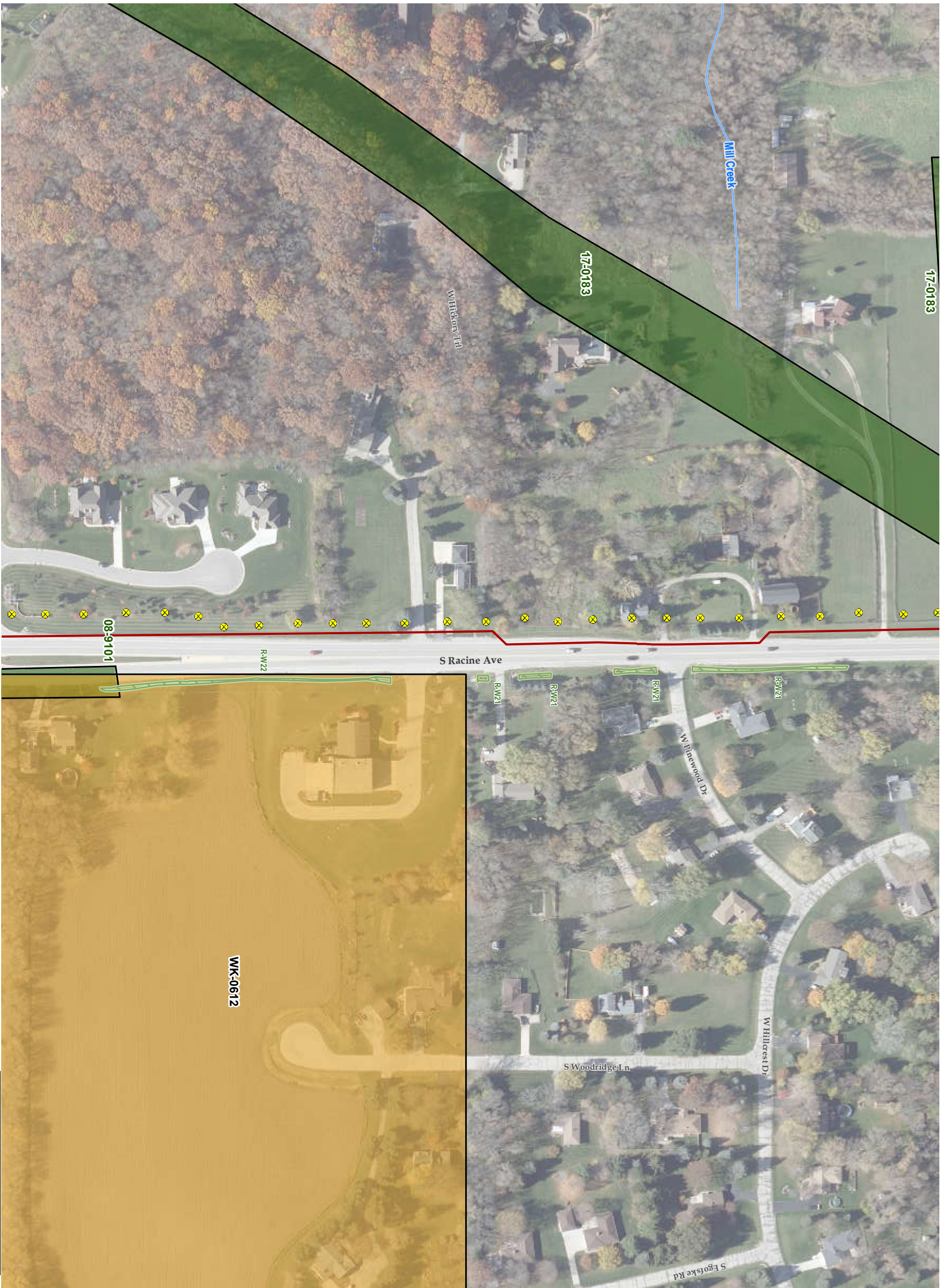
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - NHD STREAM/RIVER
 - RETURN FLOW PIPELINE
 - ARCHAEOLOGICAL SITE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

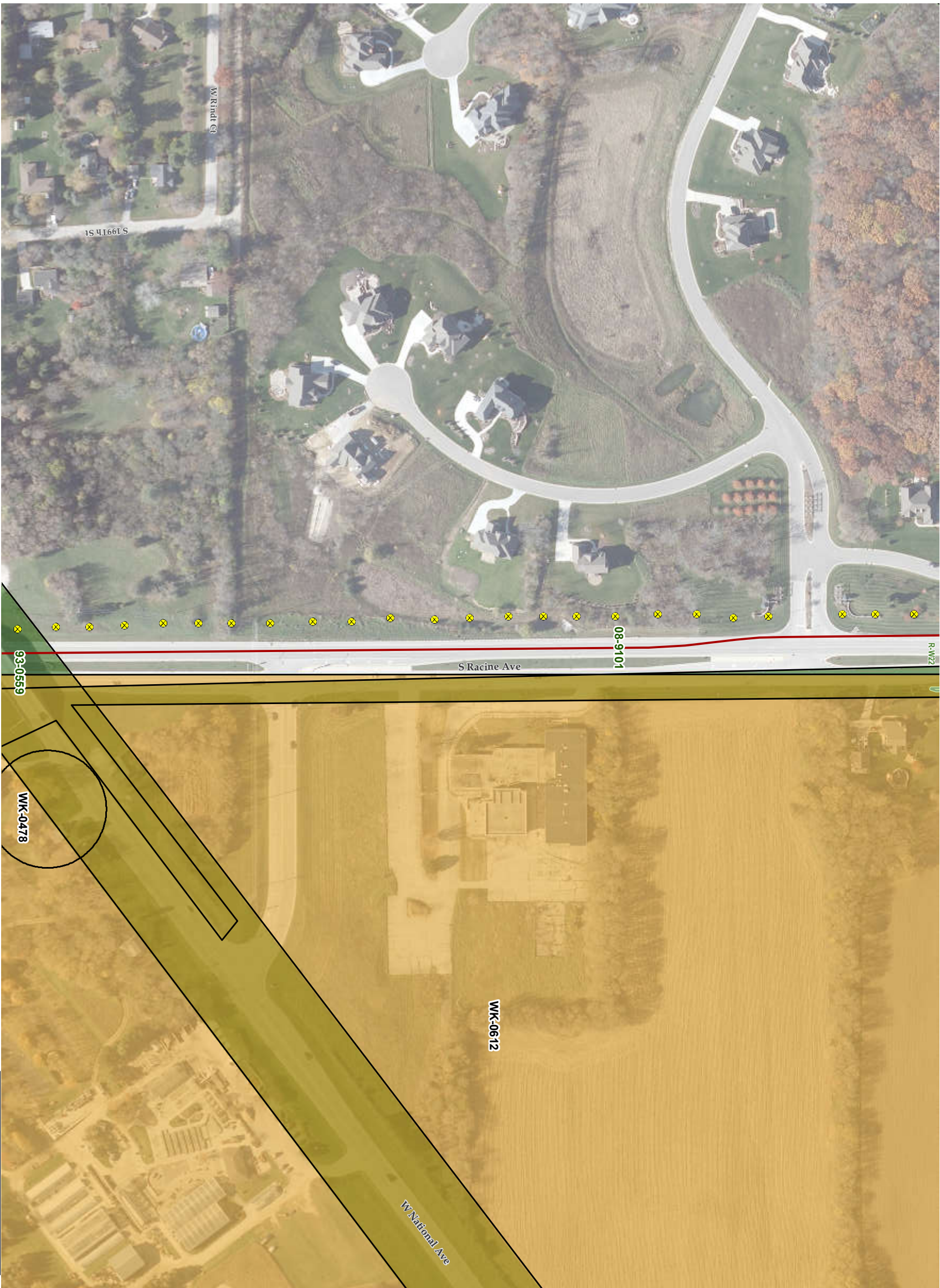
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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



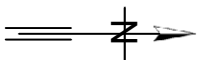
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- RETURN FLOW PIPELINE
- ARCHAEOLOGICAL SITE
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.

1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

EXHIBIT A
SHEET 24 OF 82

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

RETURN FLOW PIPELINE

ARCHAEOLOGICAL SITE

PREVIOUS ARCHAEOLOGICAL SURVEY

93-0559

08-9101

WK-0478

WK-0612

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

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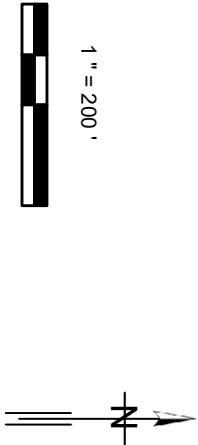
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



EXHIBIT A
SHEET 25 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019

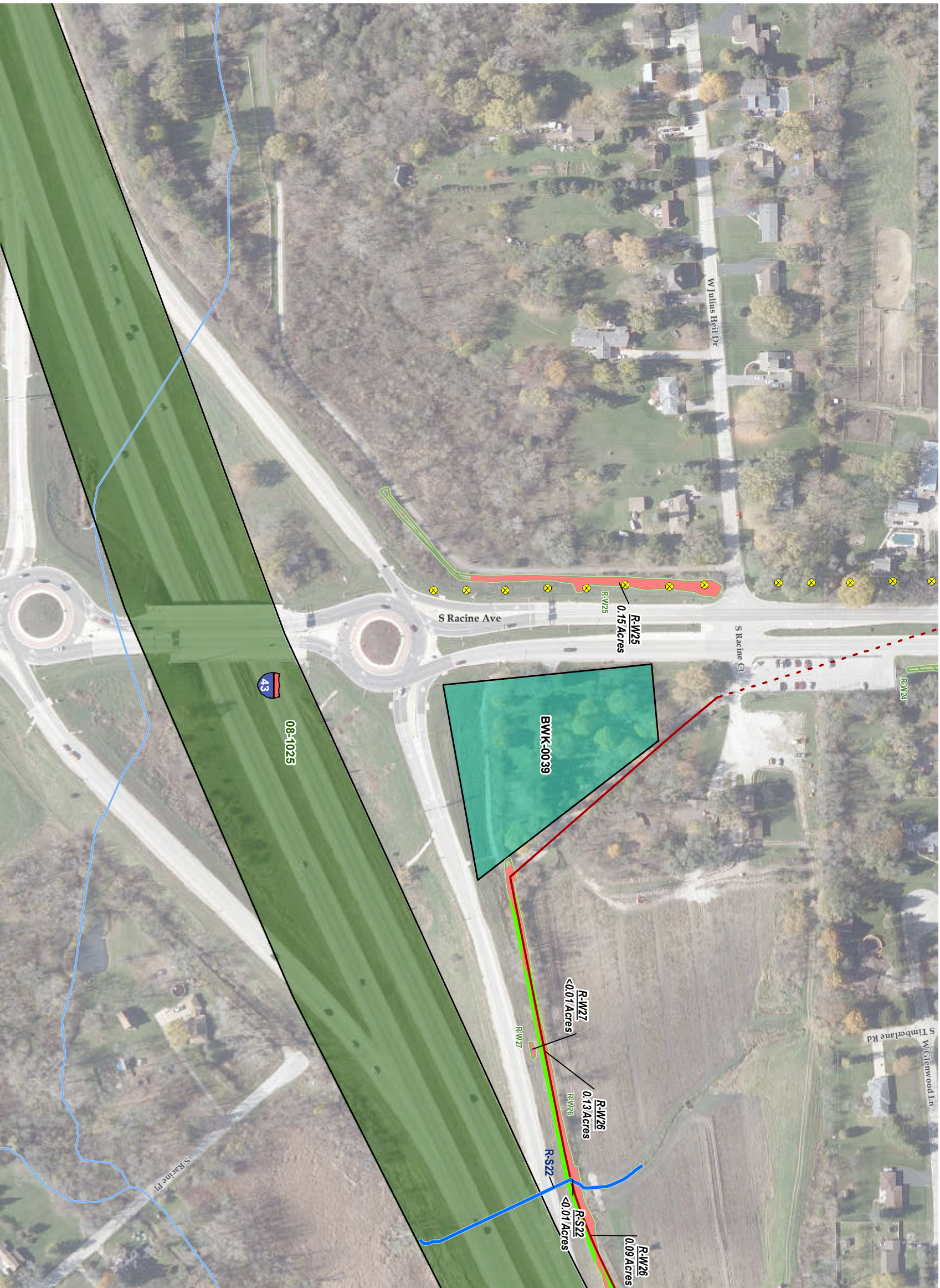


EXHIBIT A
SHEET 26 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - DISTURBED - ROAD BUILDUP
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - NHD STREAM/RIVER
 - WATERWAY
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - CEMETERY
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



EXHIBIT A
SHEET 27 OF 82

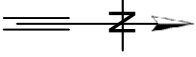
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- DISTURBED - ROAD BUILDUP
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- NHD STREAM/RIVER
- WATERWAY
- RETURN FLOW PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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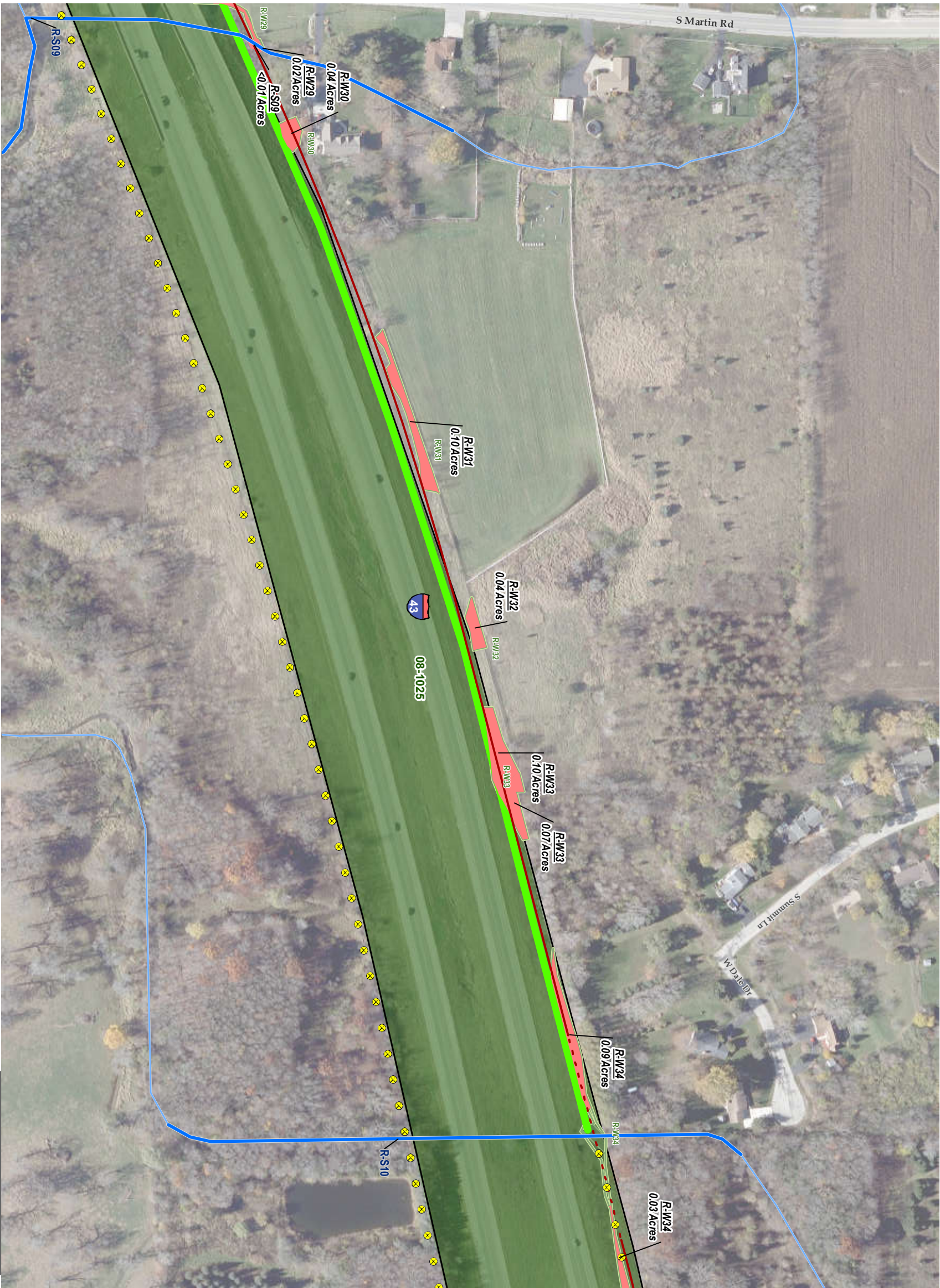
1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - ROAD BUILDUP

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

WATERWAY

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3.

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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - ROAD BUILDUP

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

WATERWAY

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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1" = 200'

N

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SHEET 29 OF 82

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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019

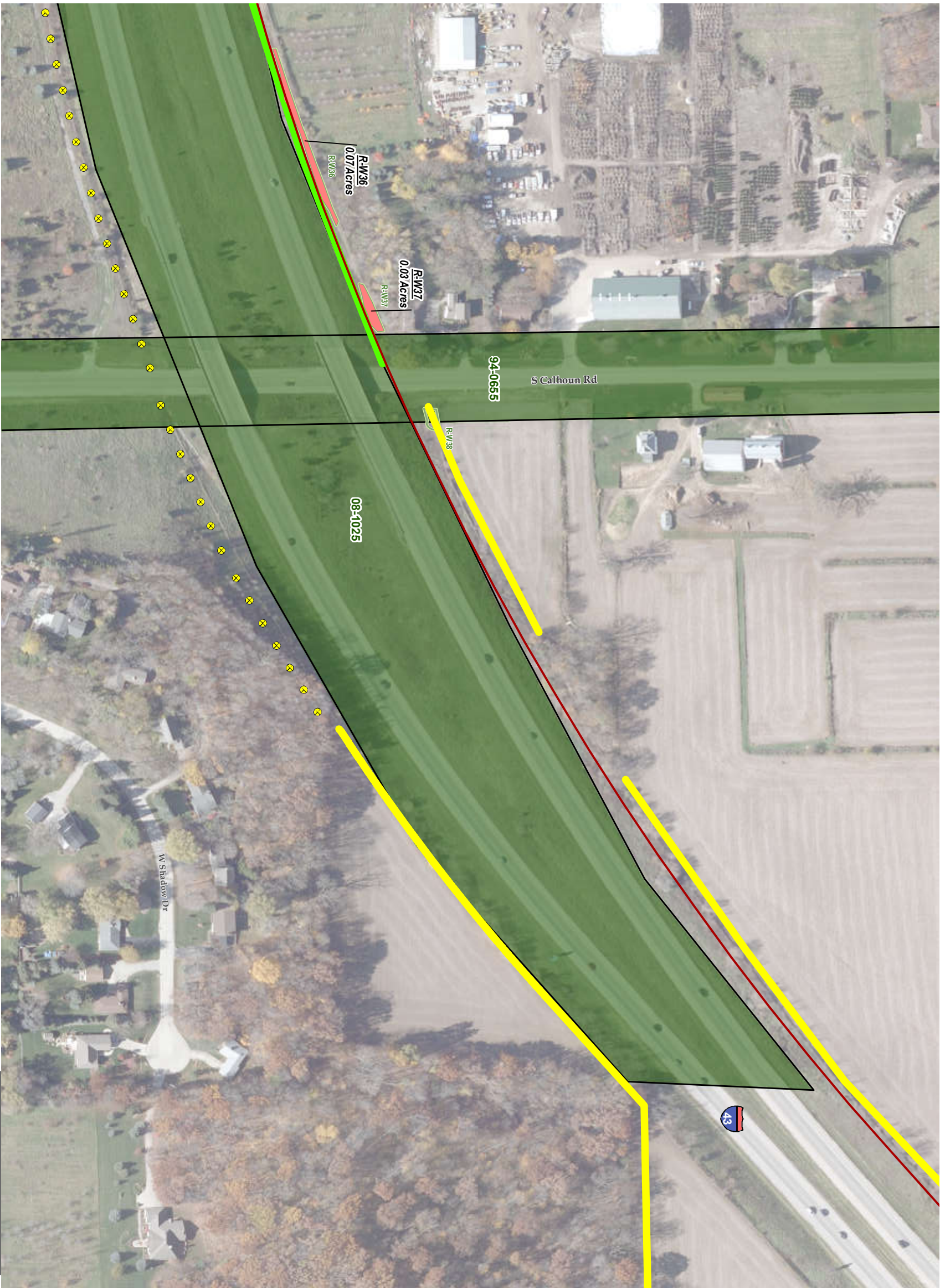


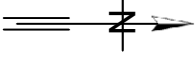
EXHIBIT A
SHEET 30 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - DISTURBED - ROAD BUILDUP
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - RETURN FLOW PIPELINE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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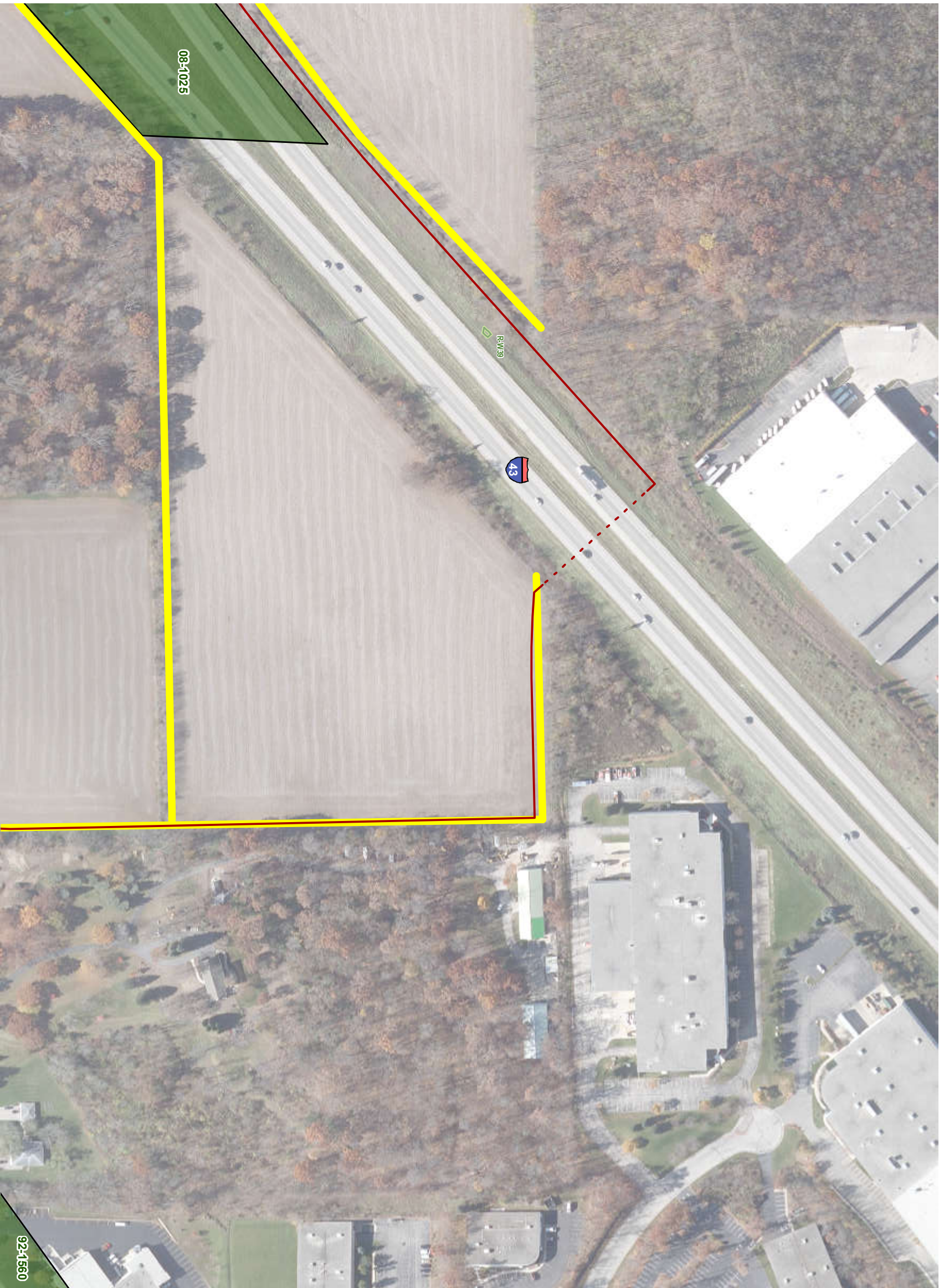
1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

EXHIBIT A
SHEET 31 OF 82

- SURFACE COLLECT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- RETURN FLOW PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Date: 4/24/2019



LEGEND

EXHIBIT A
SHEET 32 OF 82

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

RETURN FLOW PIPELINE

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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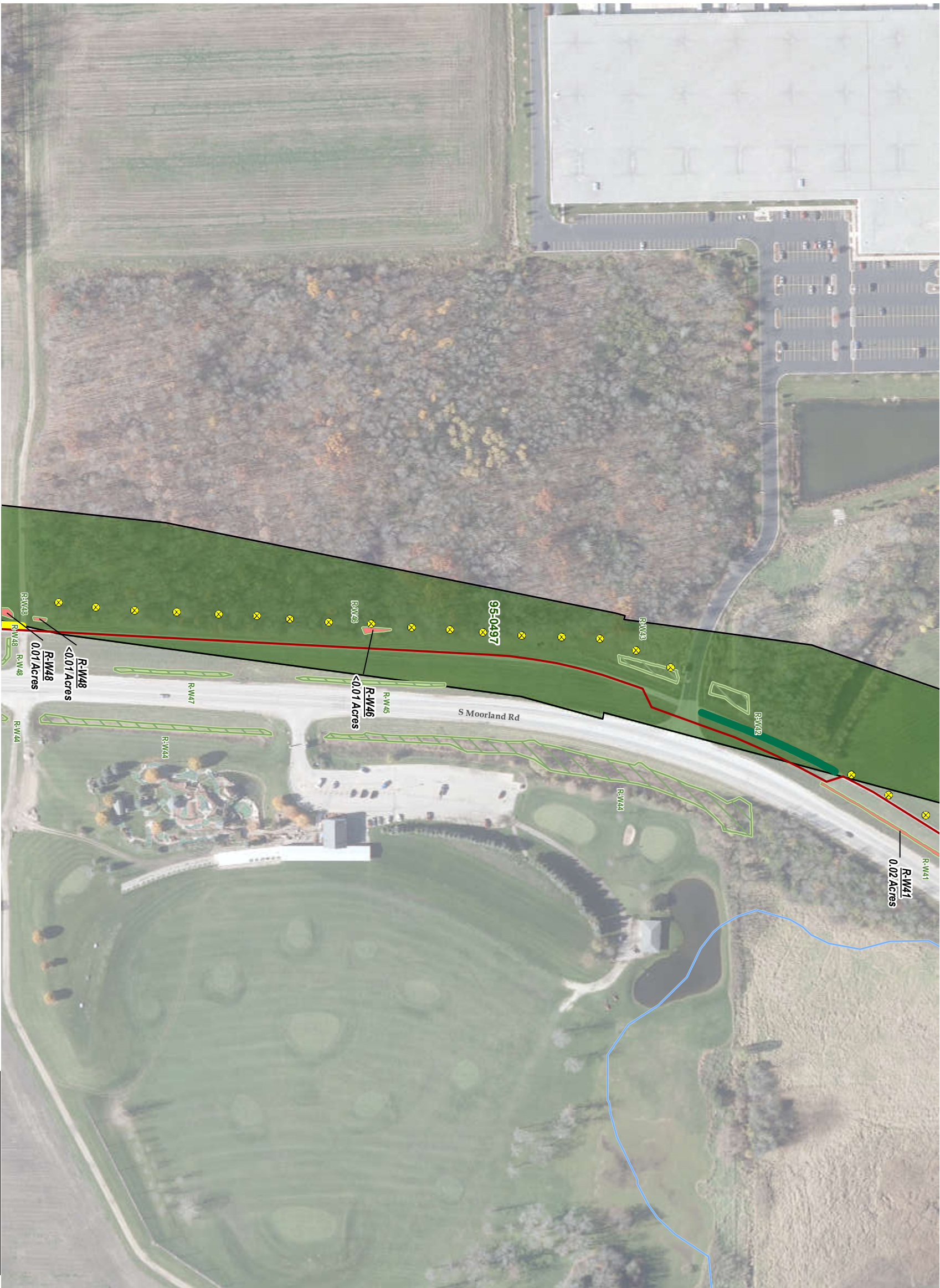
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

LAND TOO WET TO SHOVEL TEST

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

RETURN FLOW PIPELINE

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

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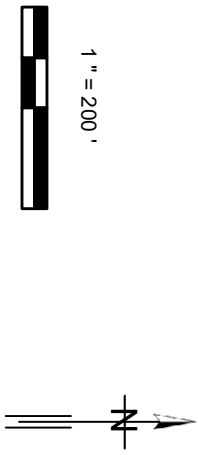
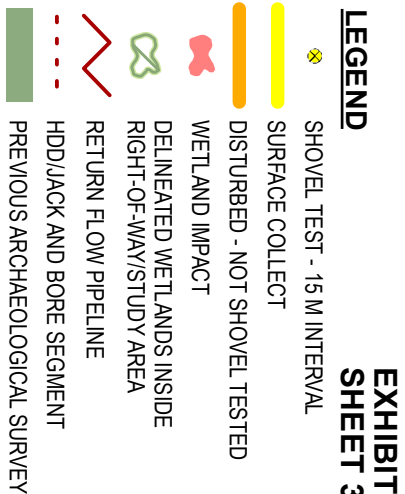


Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TROC FIELD STUDIES.
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NOTES



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**PHASE I ARCHAEOLOGICAL
SURVEY MAP**
Date: 4/24/2019

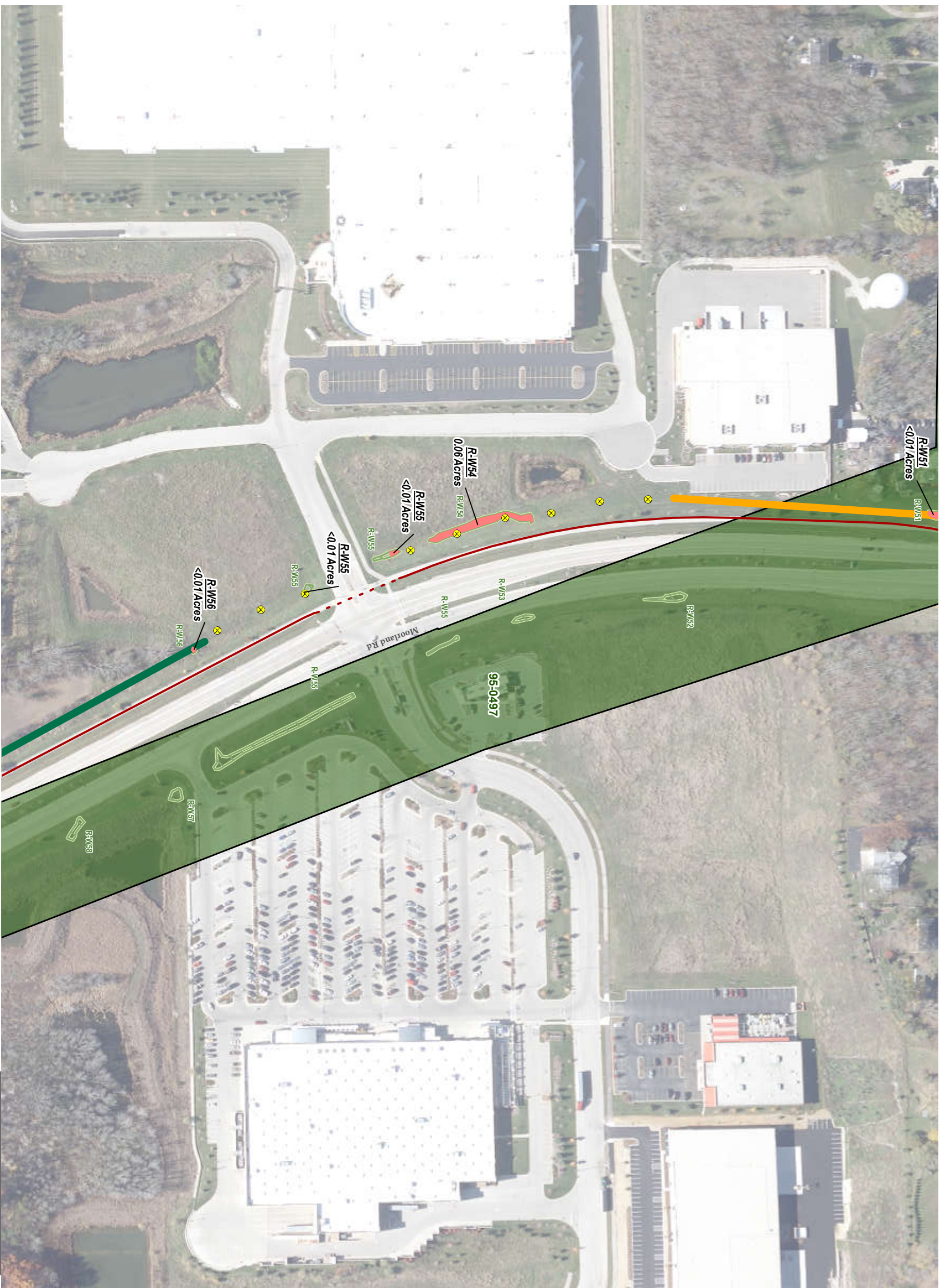


EXHIBIT A
SHEET 35 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - DISTURBED - NOT SHOVEL TESTED
 - LAND TOO WET TO SHOVEL TEST
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

LAND TOO WET TO SHOVEL TEST

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

RETURN FLOW PIPELINE

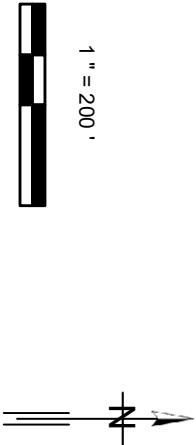
PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A

SHEET 36 OF 82

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



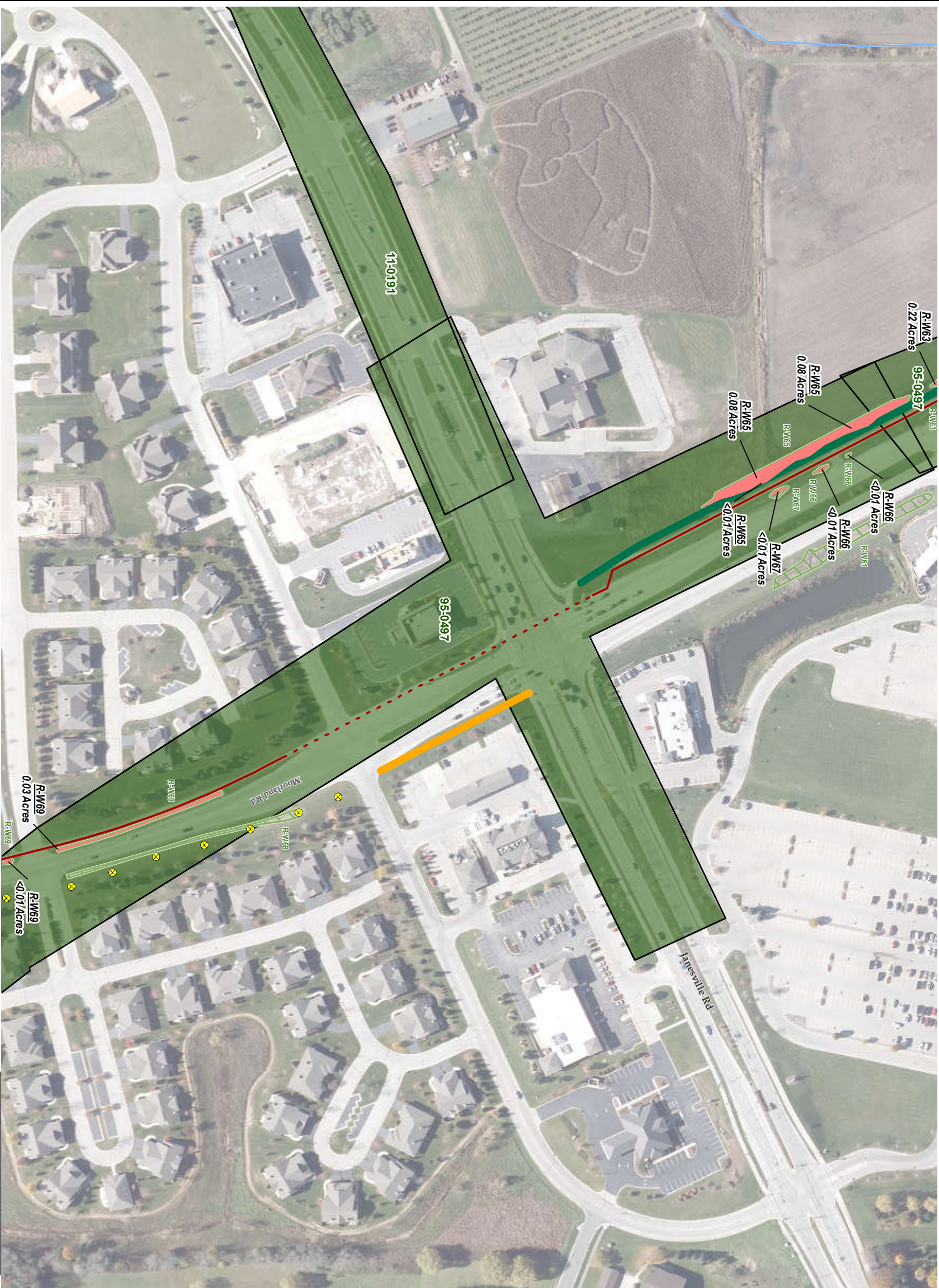
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

LAND TOO WET TO SHOVEL TEST

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A

SHEET 37 OF 82

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
 2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
 3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019

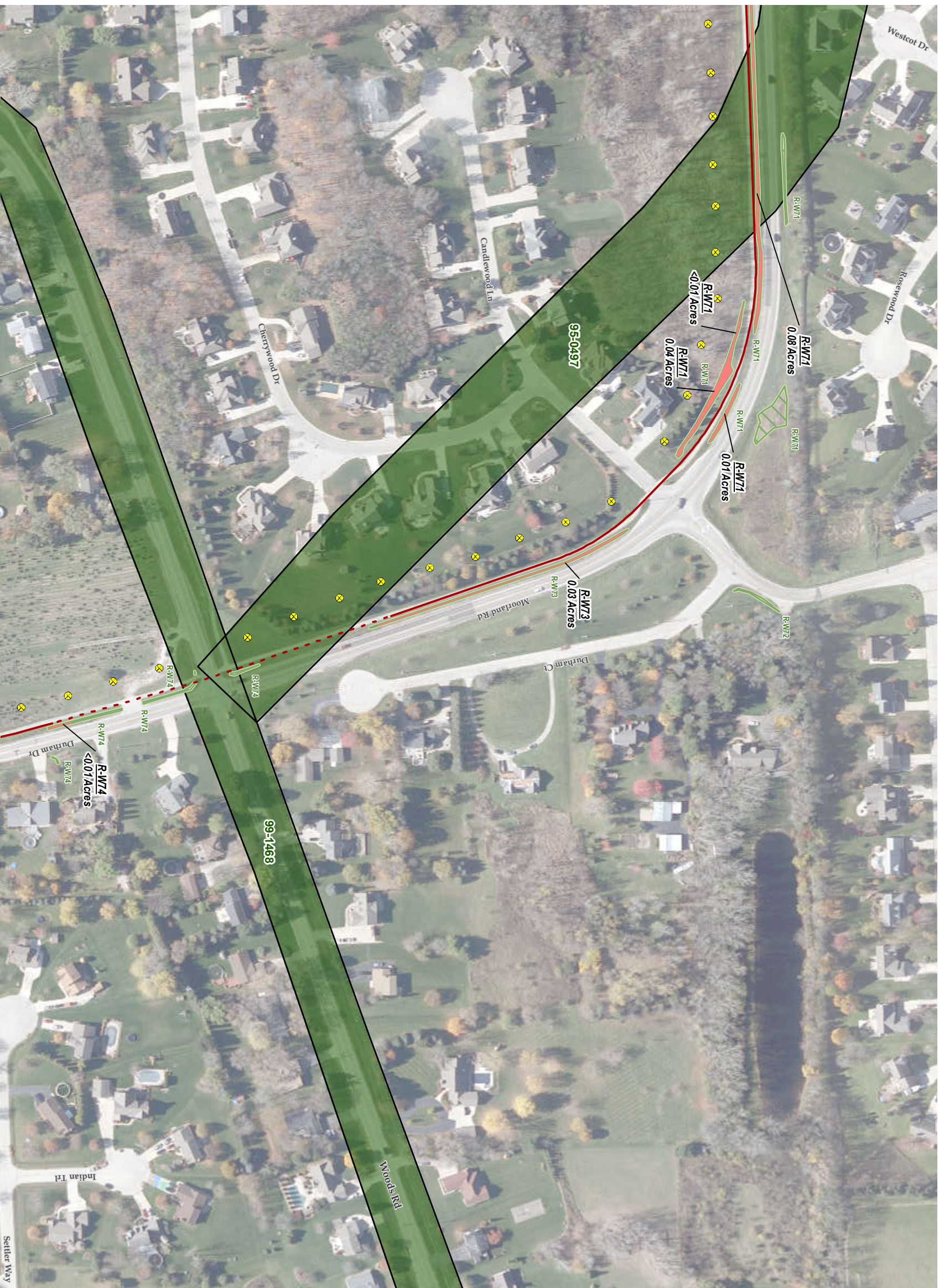


EXHIBIT A
SHEET 39 OF 82

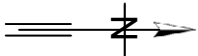
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- WETLAND IMPACT
- DELINATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- RETURN FLOW PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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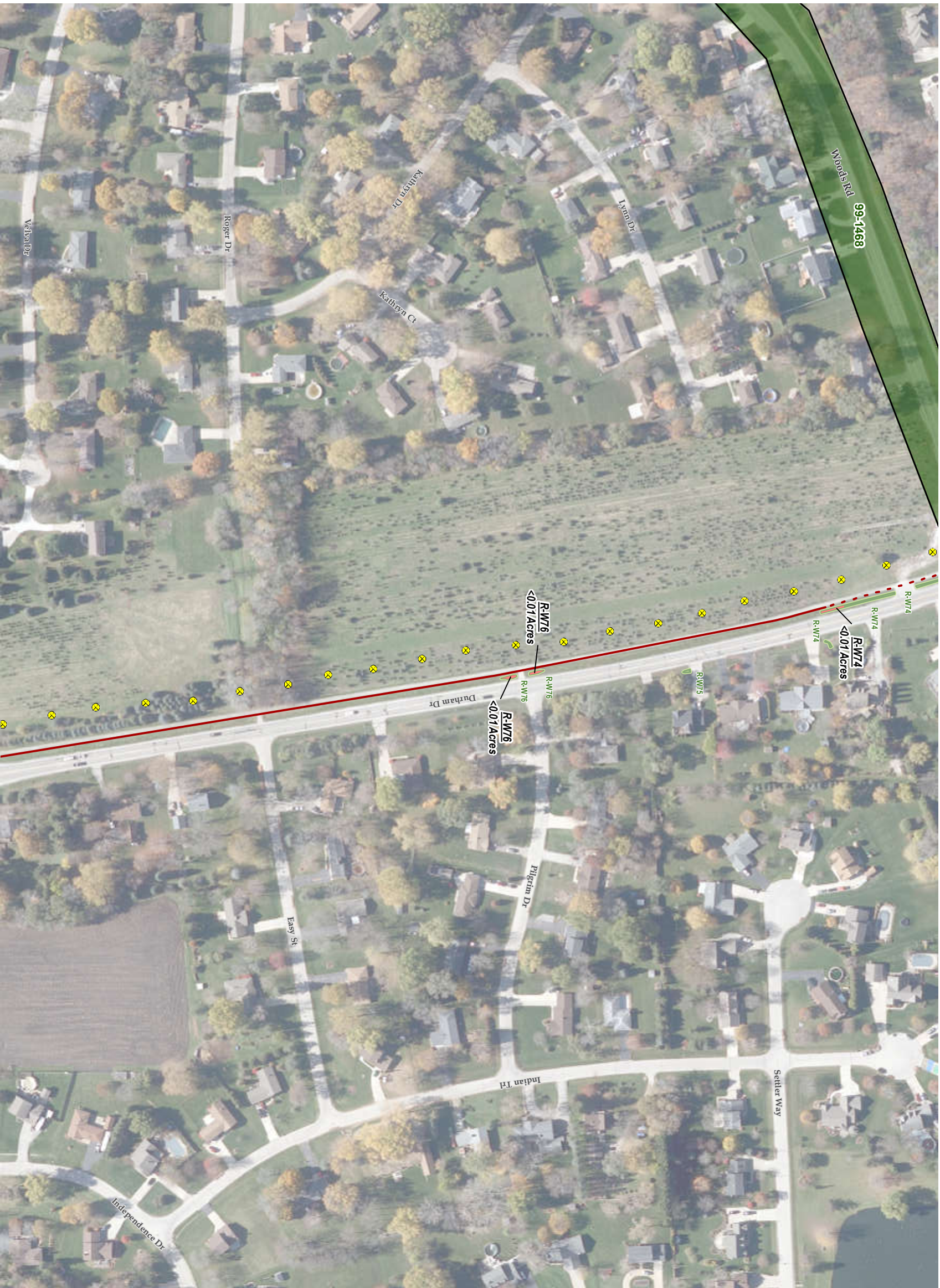
1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

EXHIBIT A
SHEET 40 OF 82

SHOVEL TEST - 15 M INTERVAL

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3.

SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



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EXHIBIT A
SHEET 41 OF 82

LEGEND

- SHOVEL TEST - 10 M INTERVAL
- SHOVEL TEST - 15 M INTERVAL
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- RETURN FLOW PIPELINE
- ARCHAEOLOGICAL SITE
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE



Waukesha, Wisconsin

Great Lakes Water Supply Program

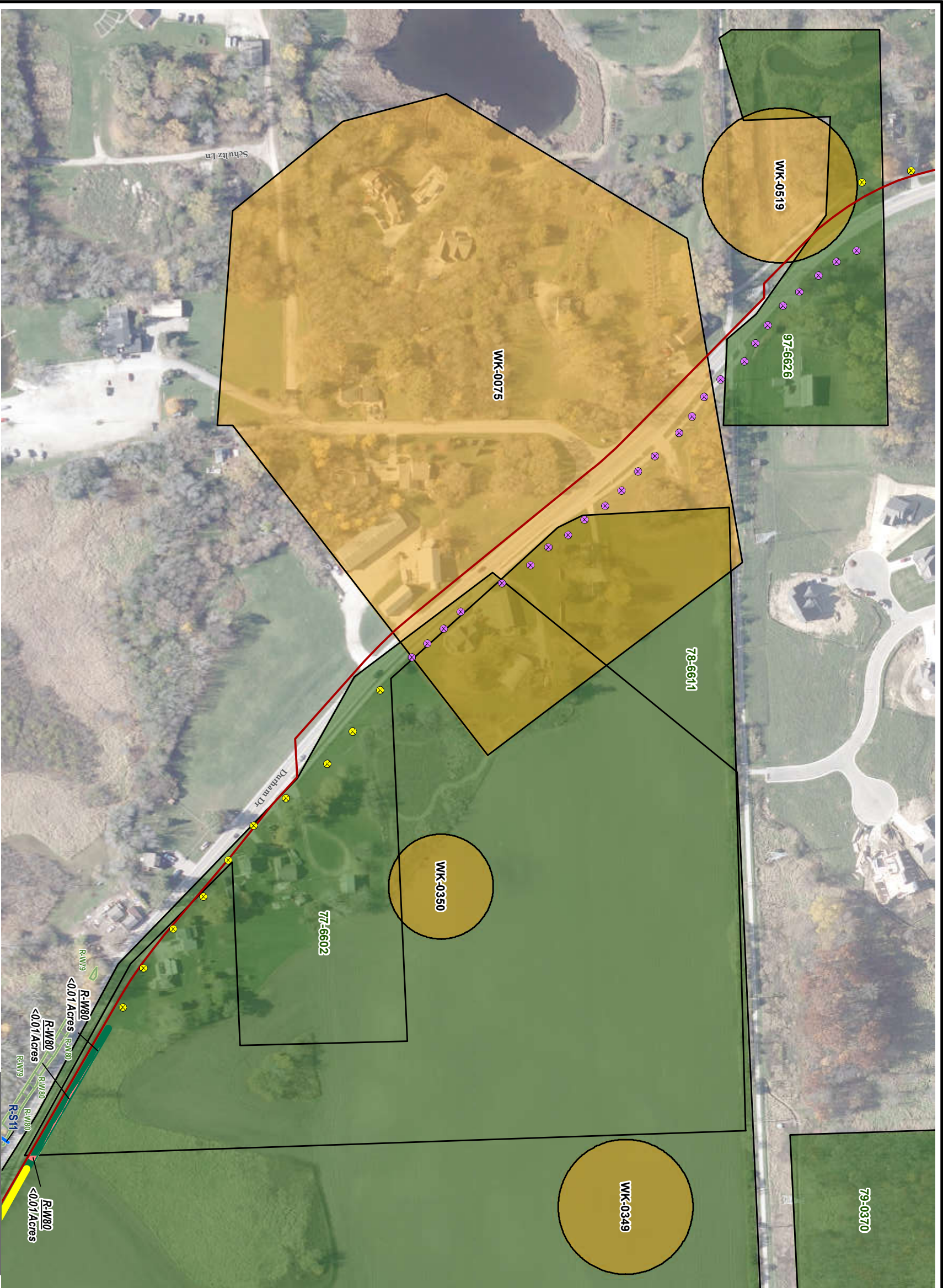
PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/24/2019



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LEGEND

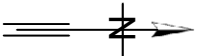
EXHIBIT A
SHEET 42 OF 82

- SHOVEL TEST - 10 M INTERVAL
- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- LAND TOO WET TO SHOVEL TEST
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- WATERWAY
- RETURN FLOW PIPELINE
- ARCHAEOLOGICAL SITE
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.

1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



EXHIBIT A
SHEET 44 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - RETURN FLOW PIPELINE
 - ARCHAEOLOGICAL SITE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.



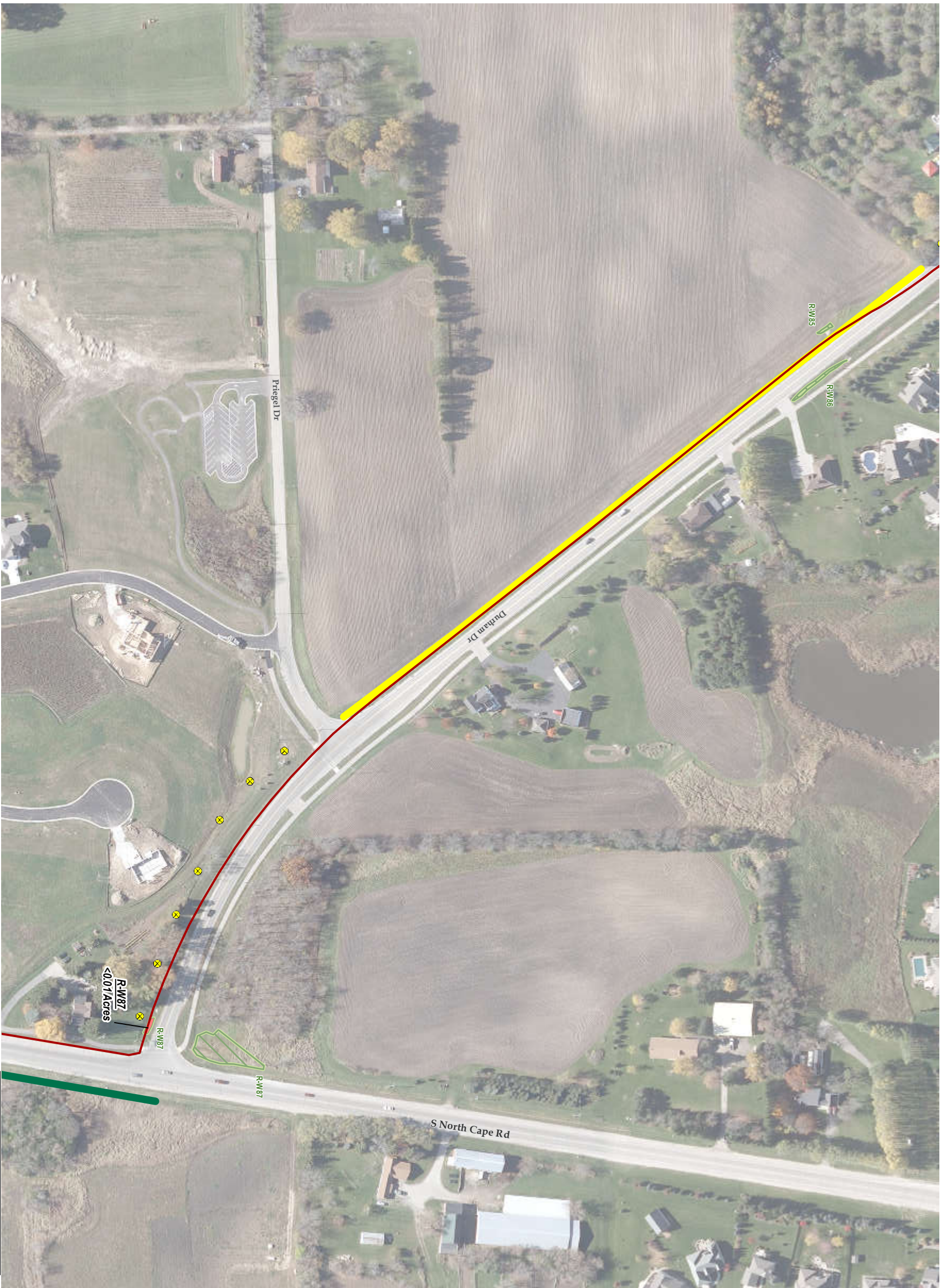
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

LAND TOO WET TO SHOVEL TEST

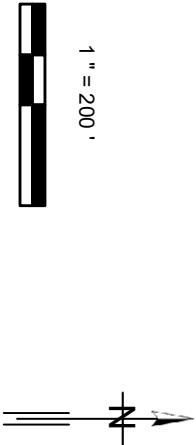
WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019



LEGEND

EXHIBIT A
SHEET 46 OF 82

SHOVEL TEST - 15 M INTERVAL

LAND TOO WET TO SHOVEL TEST

WETLAND IMPACT

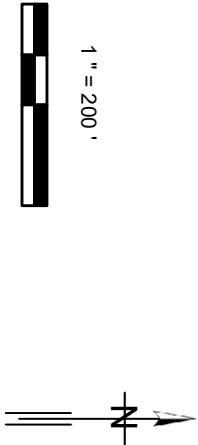
DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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SURVEY MAP
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LEGEND

EXHIBIT A

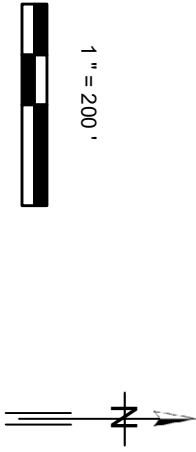
SHEET 47 OF 82

LEGEND

- SHOVEL TEST - 15 M INTERVAL
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- NON-NAVIGABLE STREAM
- NON-NAVIGABLE STREAM
- RETURN FLOW PIPELINE

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL

SURVEY MAP

Date: 4/24/2019



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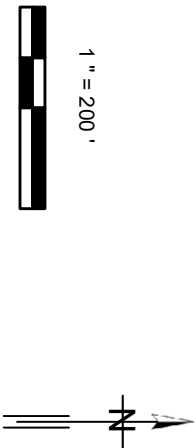


- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - RETURN FLOW PIPELINE

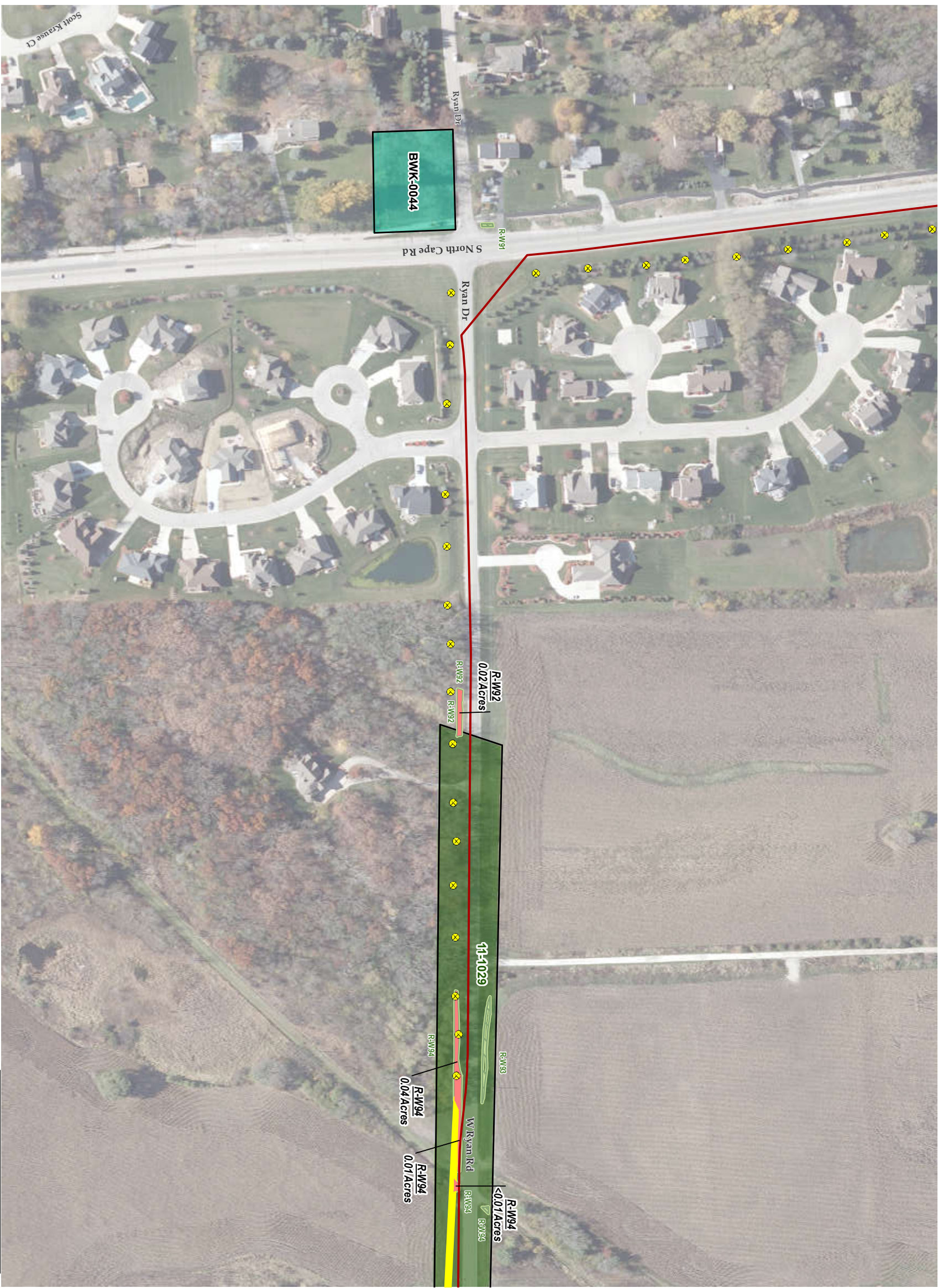
EXHIBIT A
SHEET 48 OF 82

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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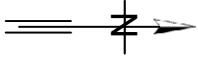
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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NOTES

1" = 200'



Waukesha, Wisconsin
Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/24/2019

LEGEND

EXHIBIT A
SHEET 49 OF 82

LEGEND

- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- RETURN FLOW PIPELINE
- CEMETERY
- PREVIOUS ARCHAEOLOGICAL SURVEY

MAP PAGE EXTENT

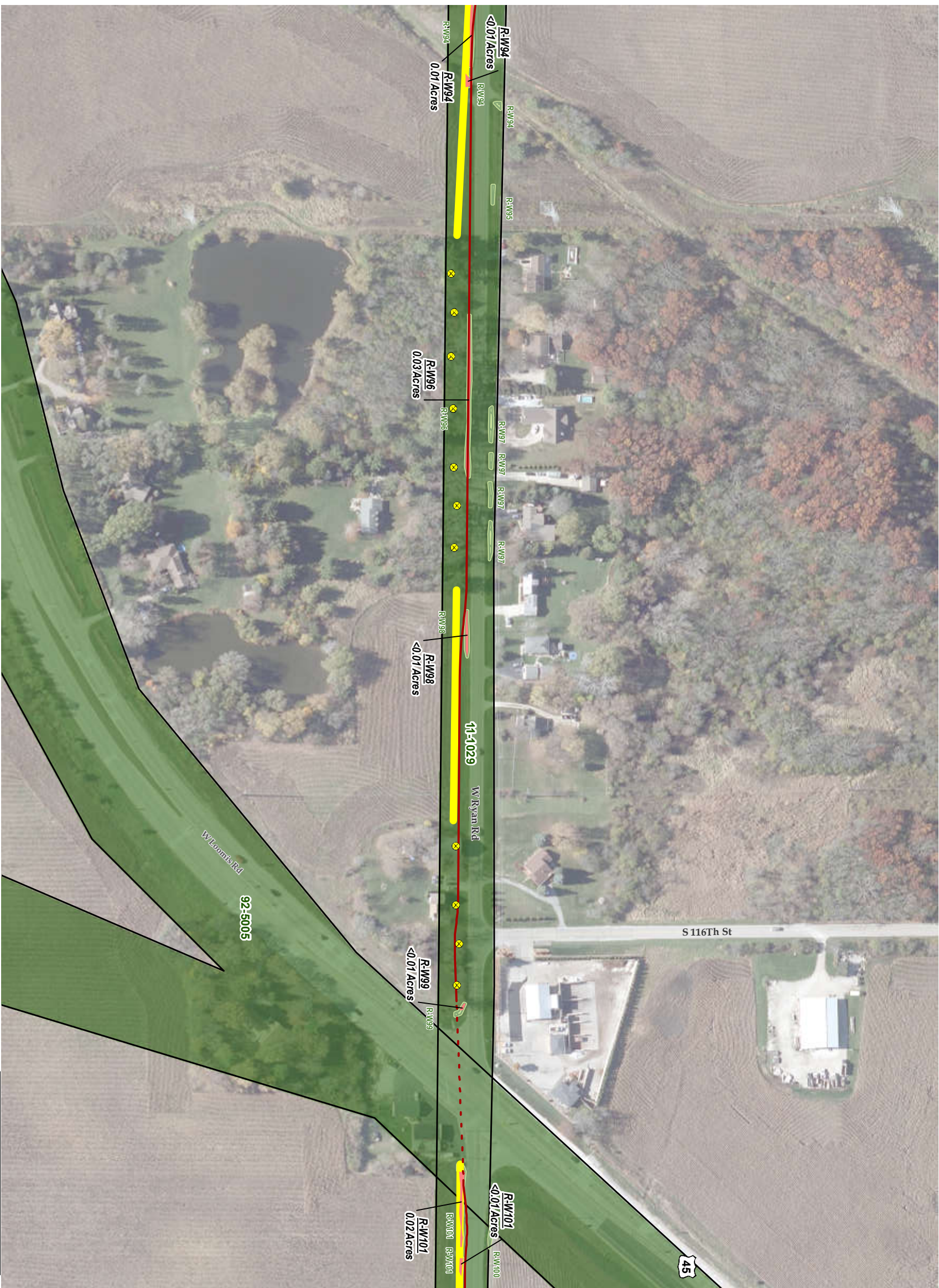


EXHIBIT A
SHEET 50 OF 82

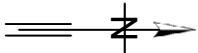
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- RETURN FLOW PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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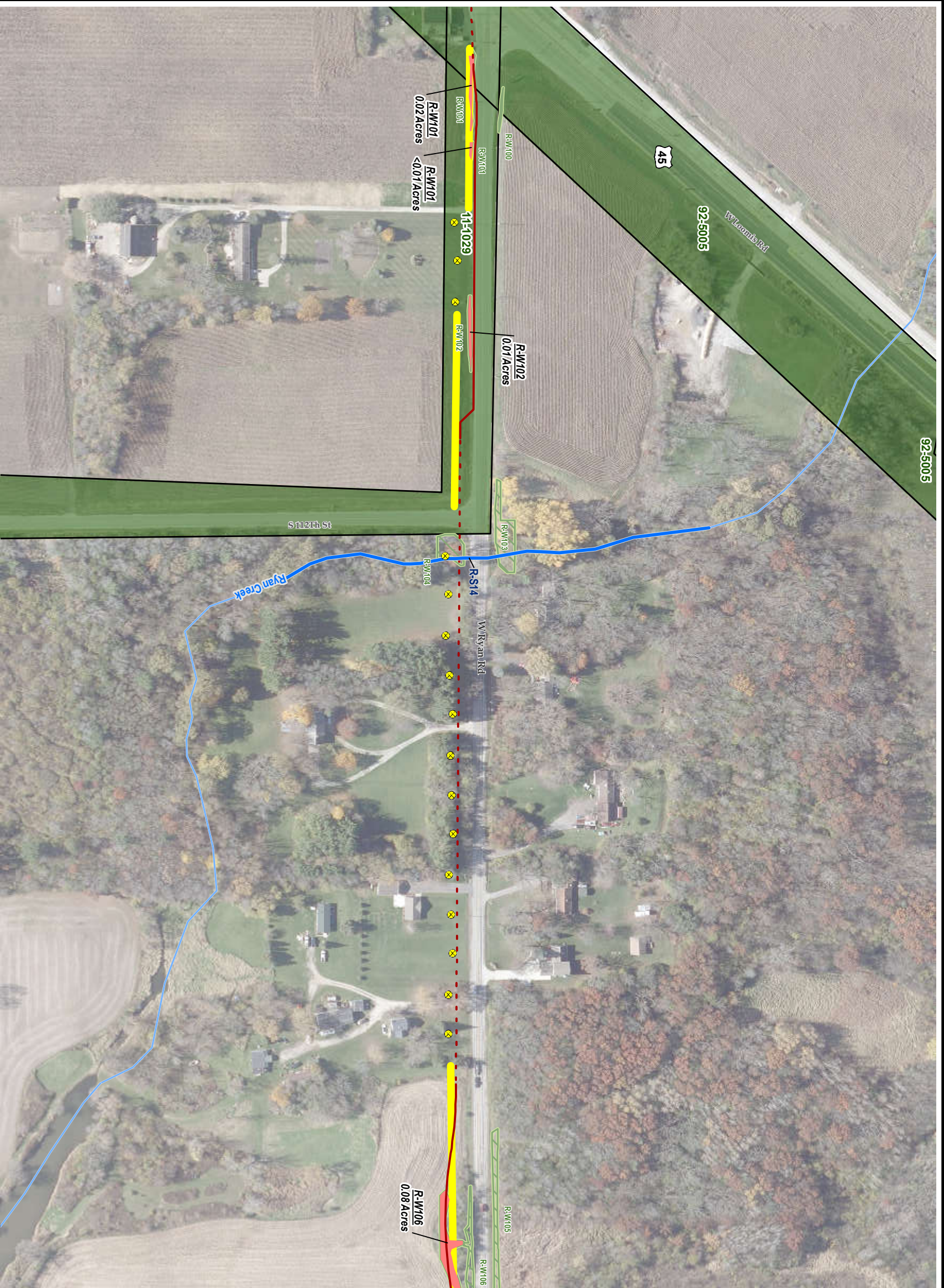
1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

WATERWAY

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

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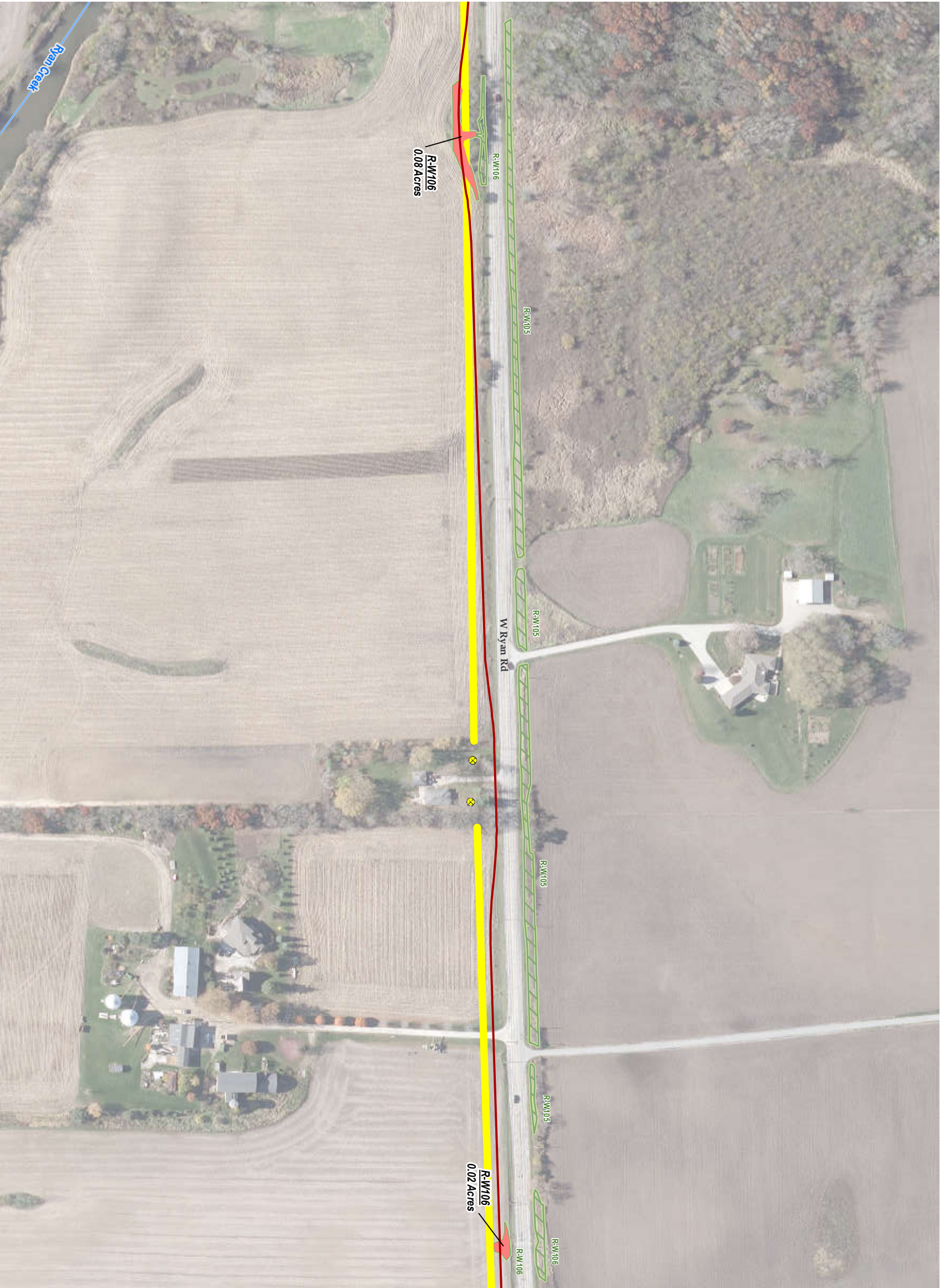


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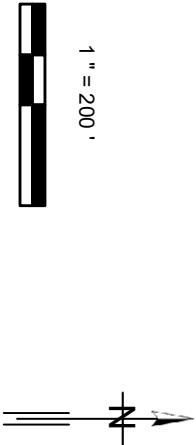
Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019

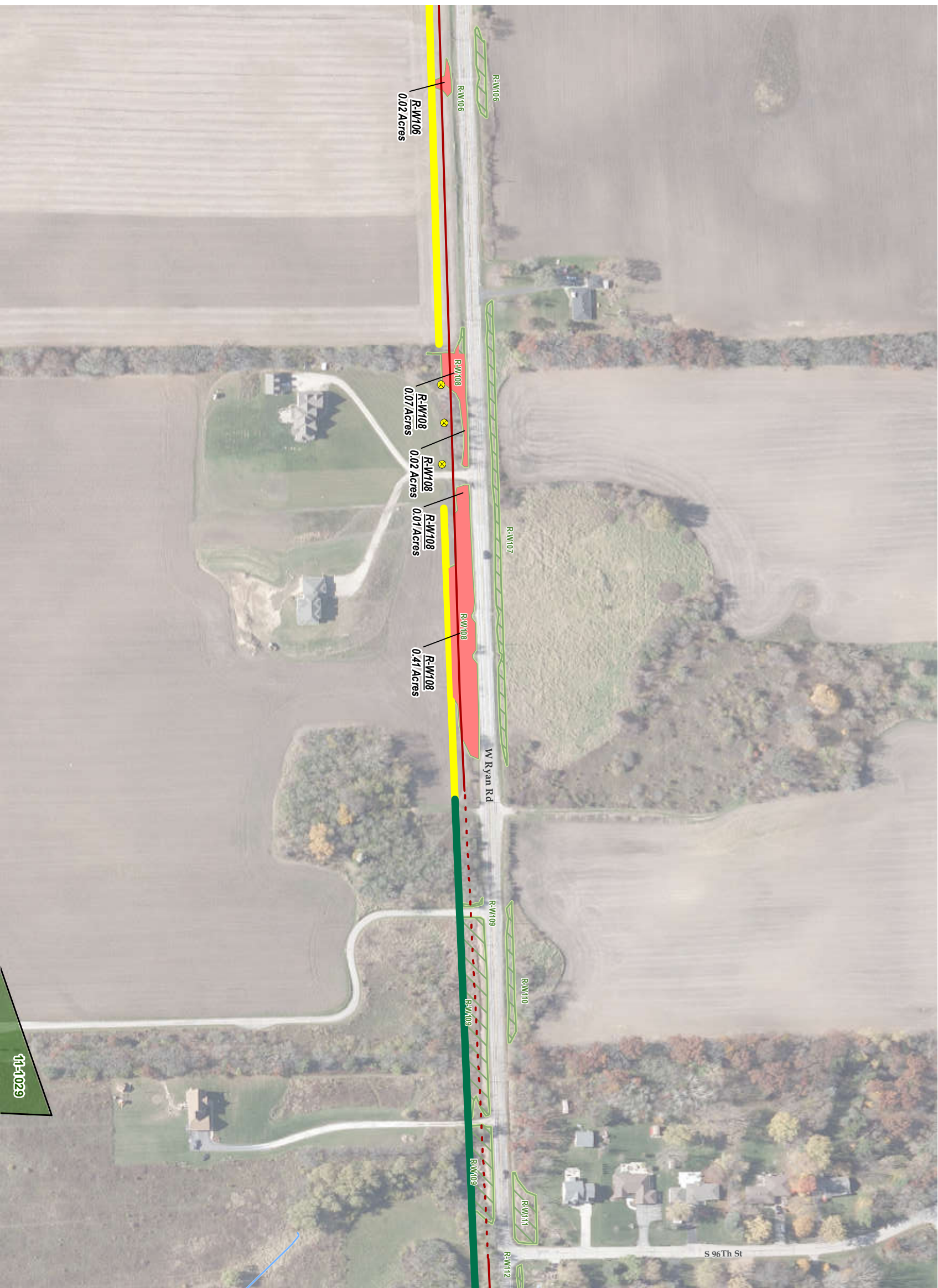
- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - NHD STREAM/RIVER
 - RETURN FLOW PIPELINE



NOTES

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LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

LAND TOO WET TO SHOVEL TEST

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

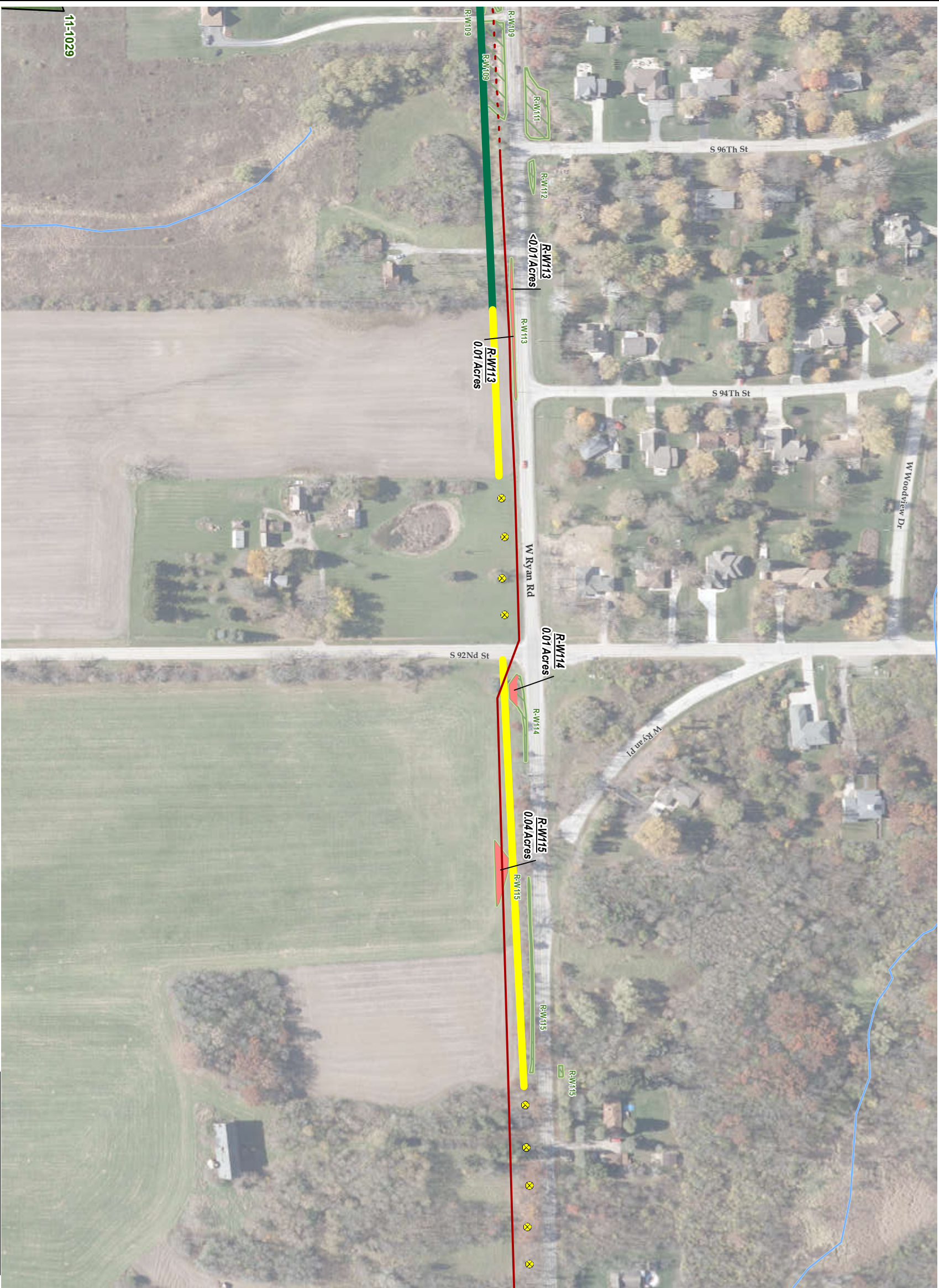
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

LAND TOO WET TO SHOVEL TEST

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

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PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019



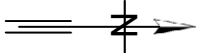
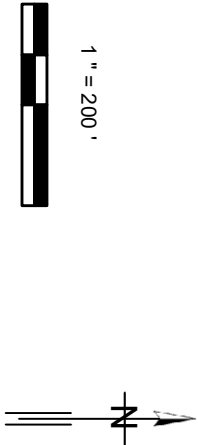
EXHIBIT A
SHEET 55 OF 82

LEGEND

-
- SHOVEL TEST - 15 M INTERVAL
 SURFACE COLLECT
 WETLAND IMPACT
 DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 NHD STREAM/RIVER
 WATERWAY
 RETURN FLOW PIPELINE
 HDD/JACK AND BORE SEGMENT
 CEMENTARY
 PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/24/2019



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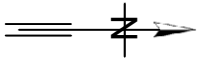
EXHIBIT A
SHEET 56 OF 82

-  SHOVEL TEST - 15 M INTERVAL
-  SURFACE COLLECT
-  DISTURBED - NOT SHOVEL TESTED
-  WETLAND IMPACT
-  DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
-  RETURN FLOW PIPELINE
-  HDD/JACK AND BORE SEGMENT
-  ARCHAEOLOGICAL SITE
-  CEMETERY
-  PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL

SURVEY MAP



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SHEET 57 OF 82

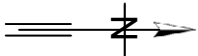
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- DISTURBED - NOT SHOVEL TESTED
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- WATERWAY
- NHD STREAM/RIVER
- WATERWAY
- RETURN FLOW PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

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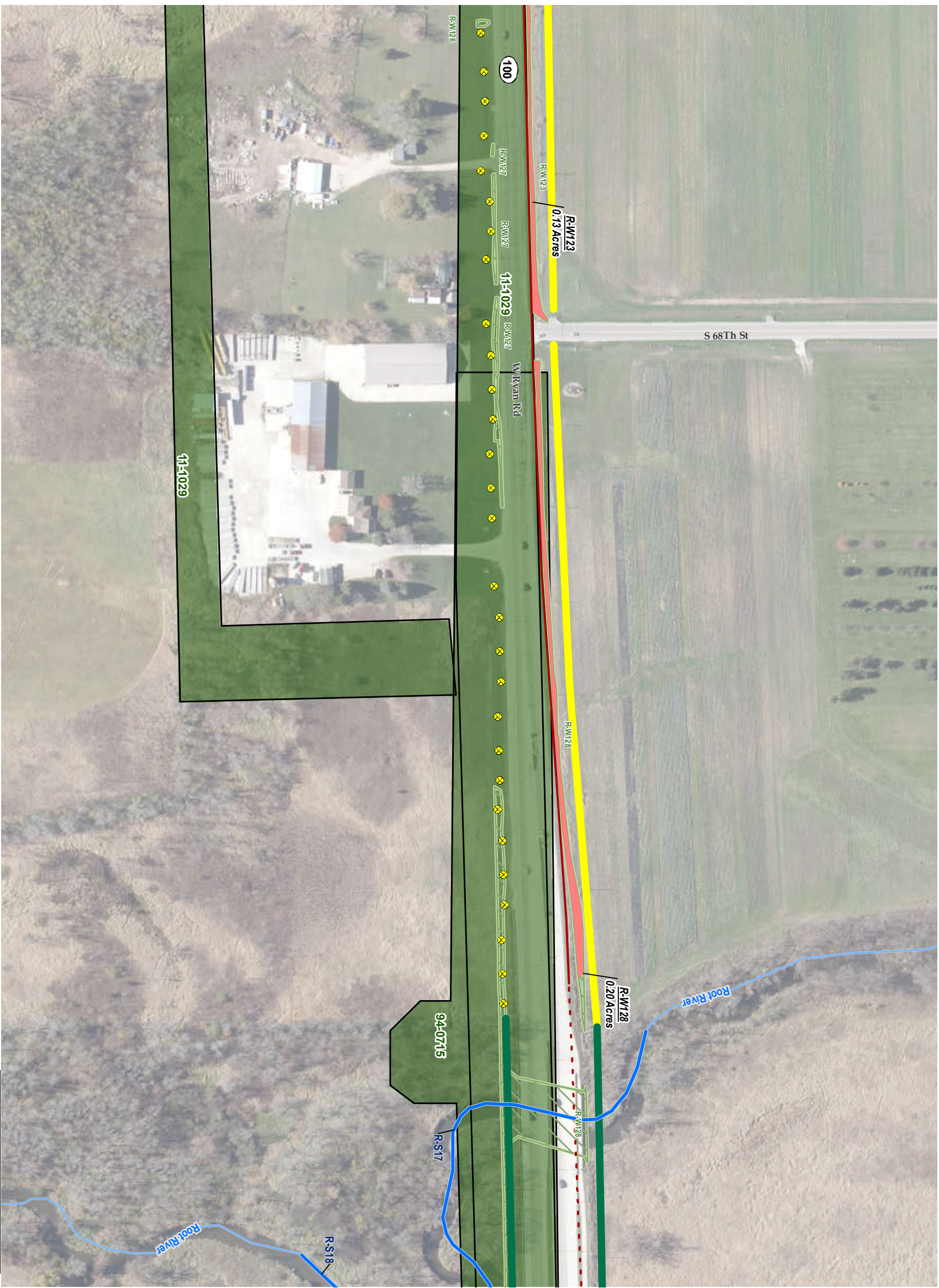
1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019

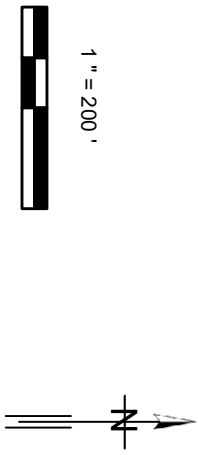


- LEGEND**

 - SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - LAND TOO WET TO SHOVEL TEST
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - NHD STREAM/RIVER
 - WATERWAY
 - RETURN FLOW PIPELINE
 - HDD/JACK AND BORE SEGMENT
 - PREVIOUS ARCHAEOLOGICAL SURVEY

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Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY MAP**
Date: 4/24/2019

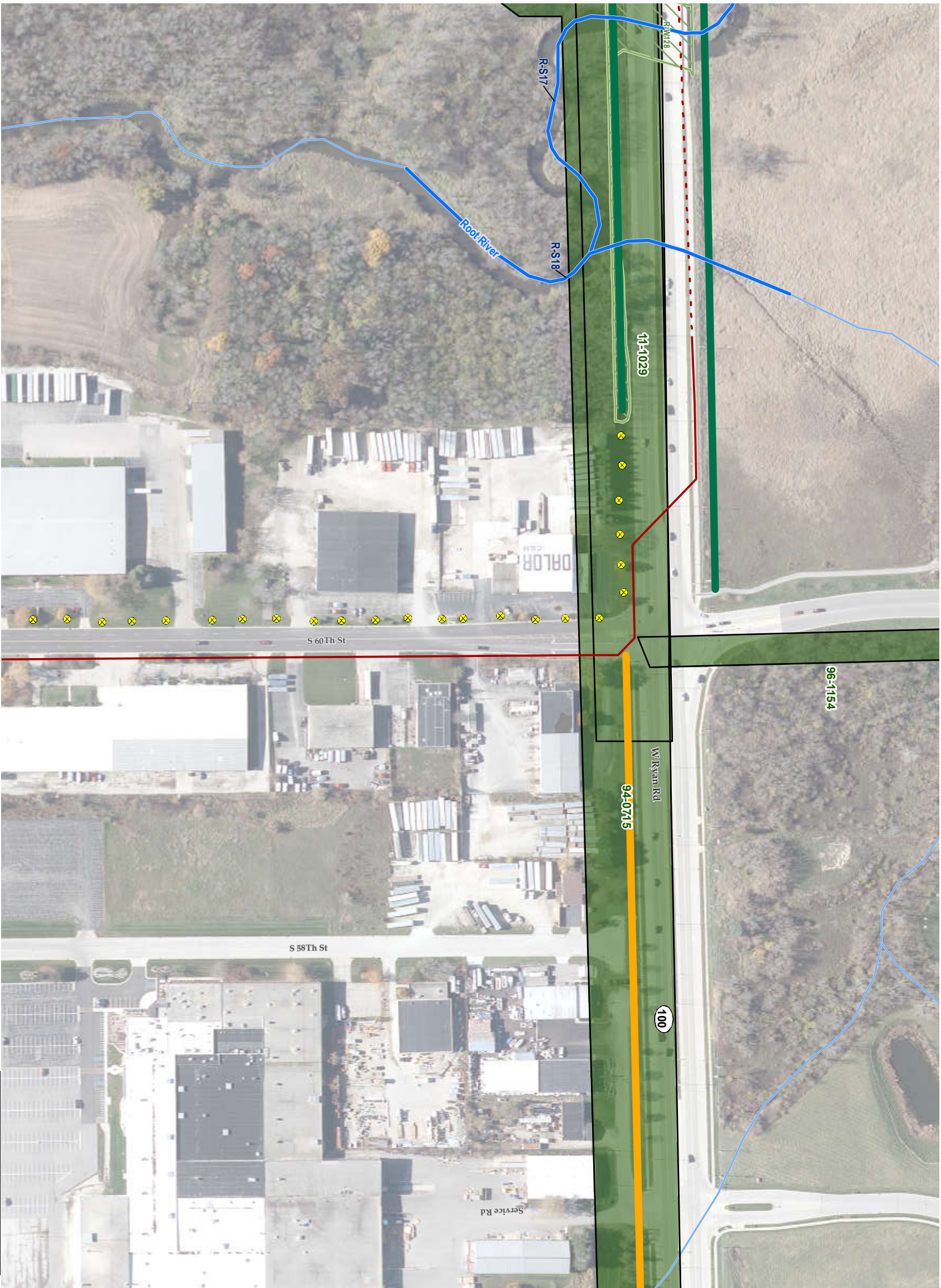


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LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

LAND TOO WET TO SHOVEL TEST

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

WATERWAY

RETURN FLOW PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES**
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



EXHIBIT A
SHEET 60 OF 82

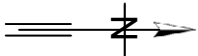
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- NHD STREAM/RIVER
- WATERWAY
- RETURN FLOW PIPELINE

NOTES

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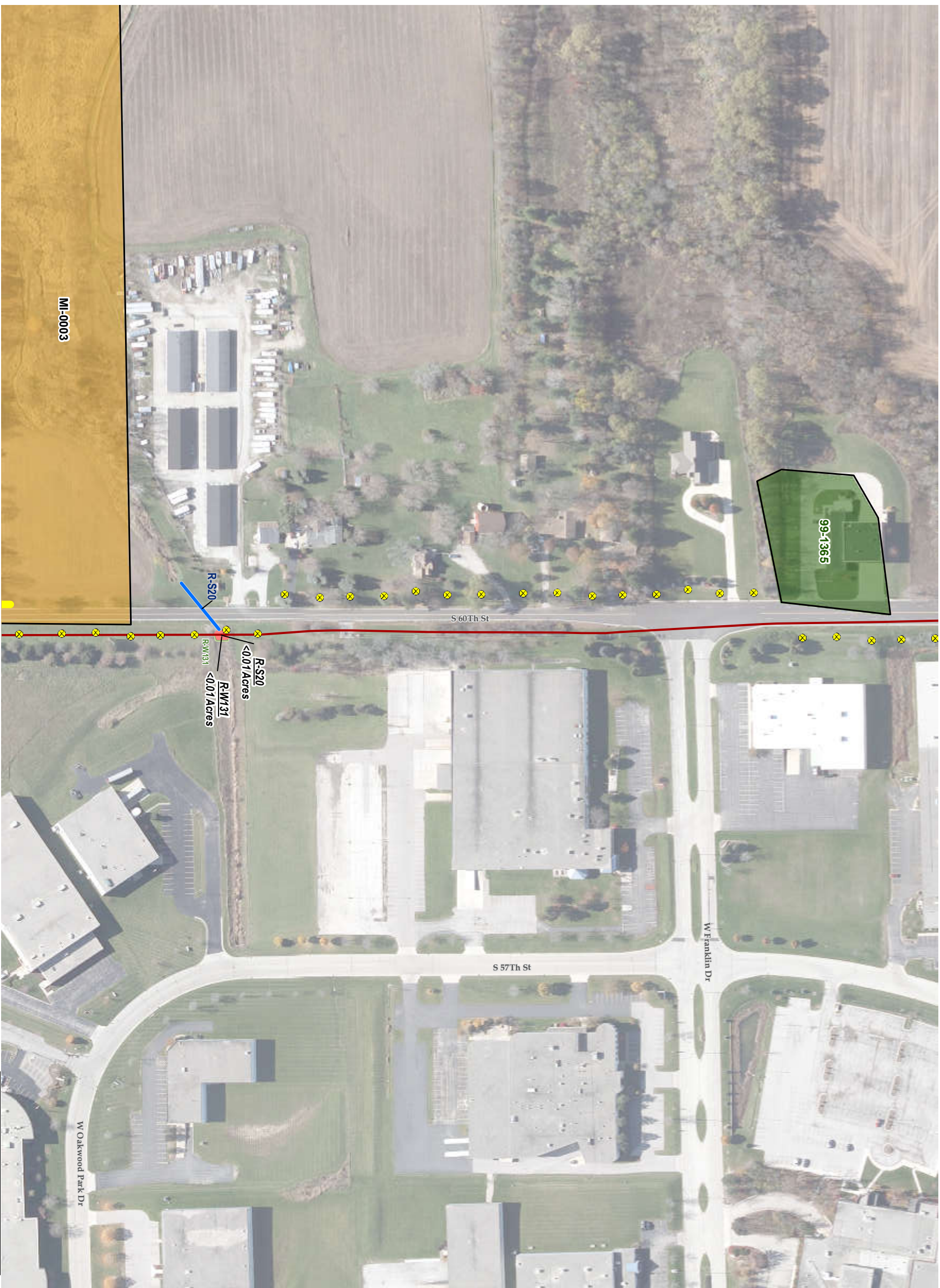
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019

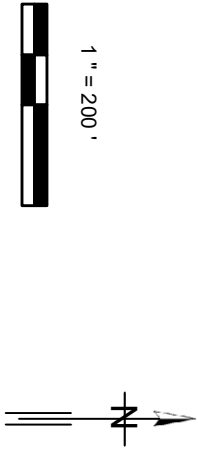


- LEGEND**

 -  SHOVEL TEST - 15 M INTERVAL
 -  SURFACE COLLECT
 -  WETLAND IMPACT
 -  DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 -  WATERWAY
 -  RETURN FLOW PIPELINE
 -  ARCHAEOLOGICAL SITE
 -  PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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Great Lakes Water Supply Program
**PHASE I ARCHAEOLOGICAL
SURVEY MAP**
Date: 4/24/2019

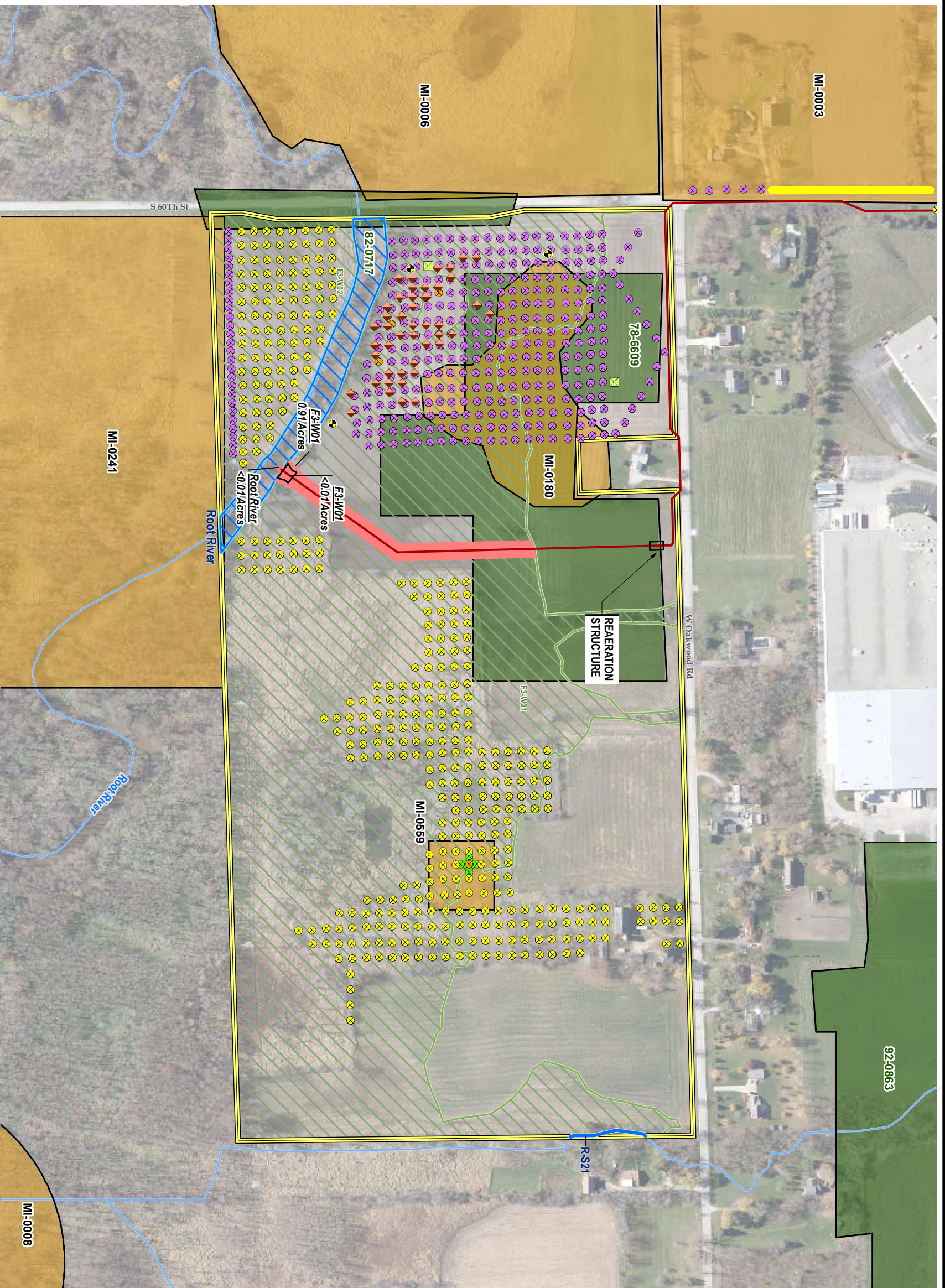
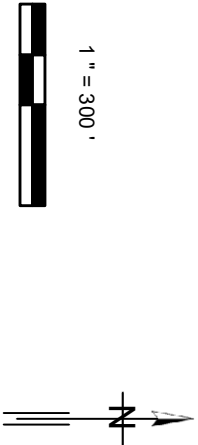


EXHIBIT A
SHEET 62 OF 82

- LEGEND**
- BORING
 - SHOVEL TEST - POSITIVE
 - SHOVEL TEST - 5 M INTERVAL
 - SHOVEL TEST - 10 M INTERVAL
 - SHOVEL TEST - 15 M INTERVAL
 - STRATIGRAPHY PITS
 - SURFACE ARTIFACTS
 - SURFACE COLLECT
 - SURVEY COMPLETED USING A COMBINATION OF SURFACE COLLECT AND SHOVEL TESTS
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - WATERWAY
 - NHD STREAM/RIVER
 - WATERWAY
 - RETURN FLOW PIPELINE
 - ARCHAEOLOGICAL SITE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES**
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
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EXHIBIT A
SHEET 63 OF 82

- LEGEND**
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - WATER SUPPLY PIPELINE
 - CEMETERY

NOTES

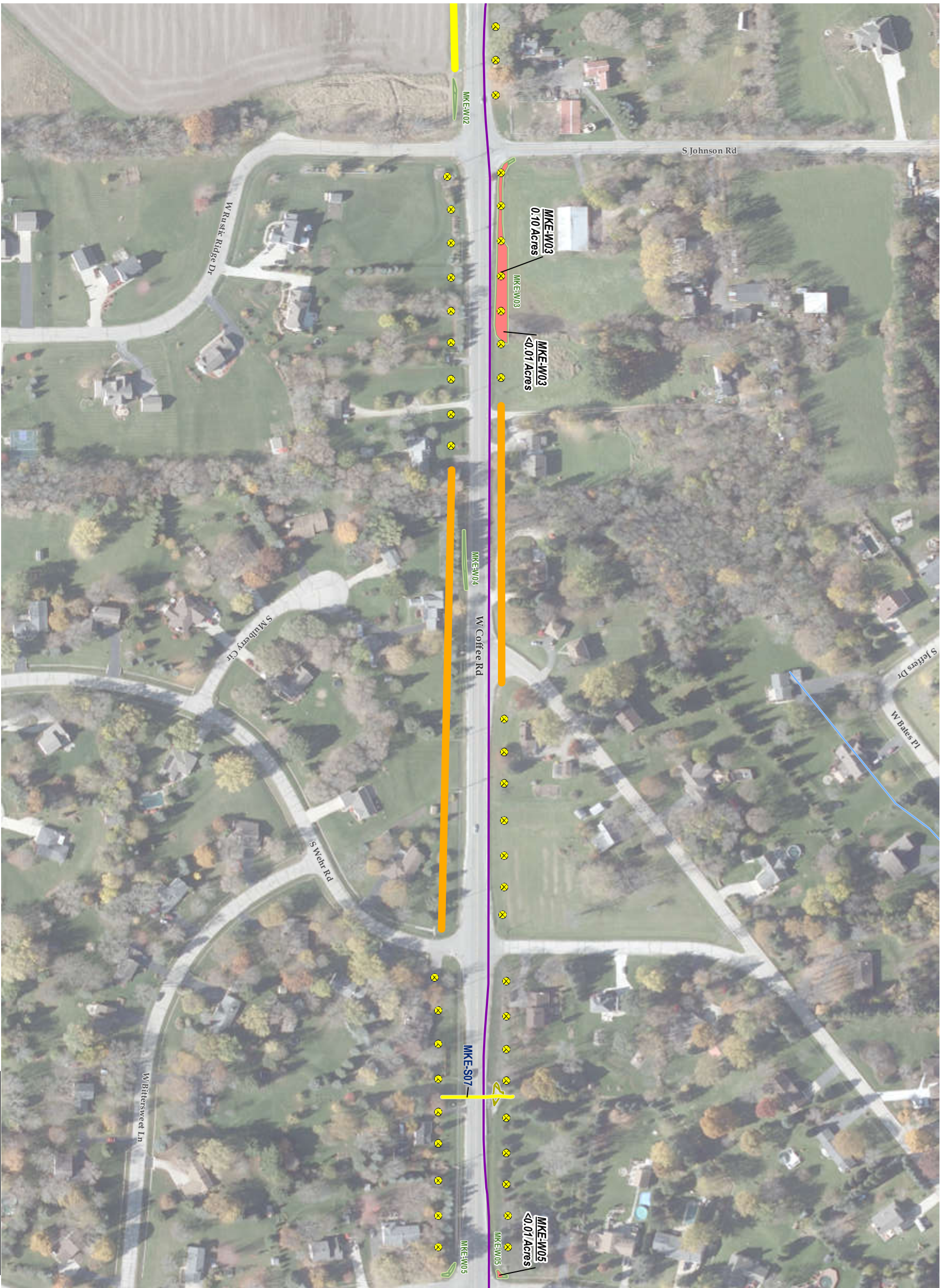
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

DISTURBED - NOT SHOVEL TESTED

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NON-NAVIGABLE STREAM

NHD STREAM/RIVER

NON-NAVIGABLE STREAM

WATER SUPPLY PIPELINE

EXHIBIT A

SHEET 64 OF 82

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

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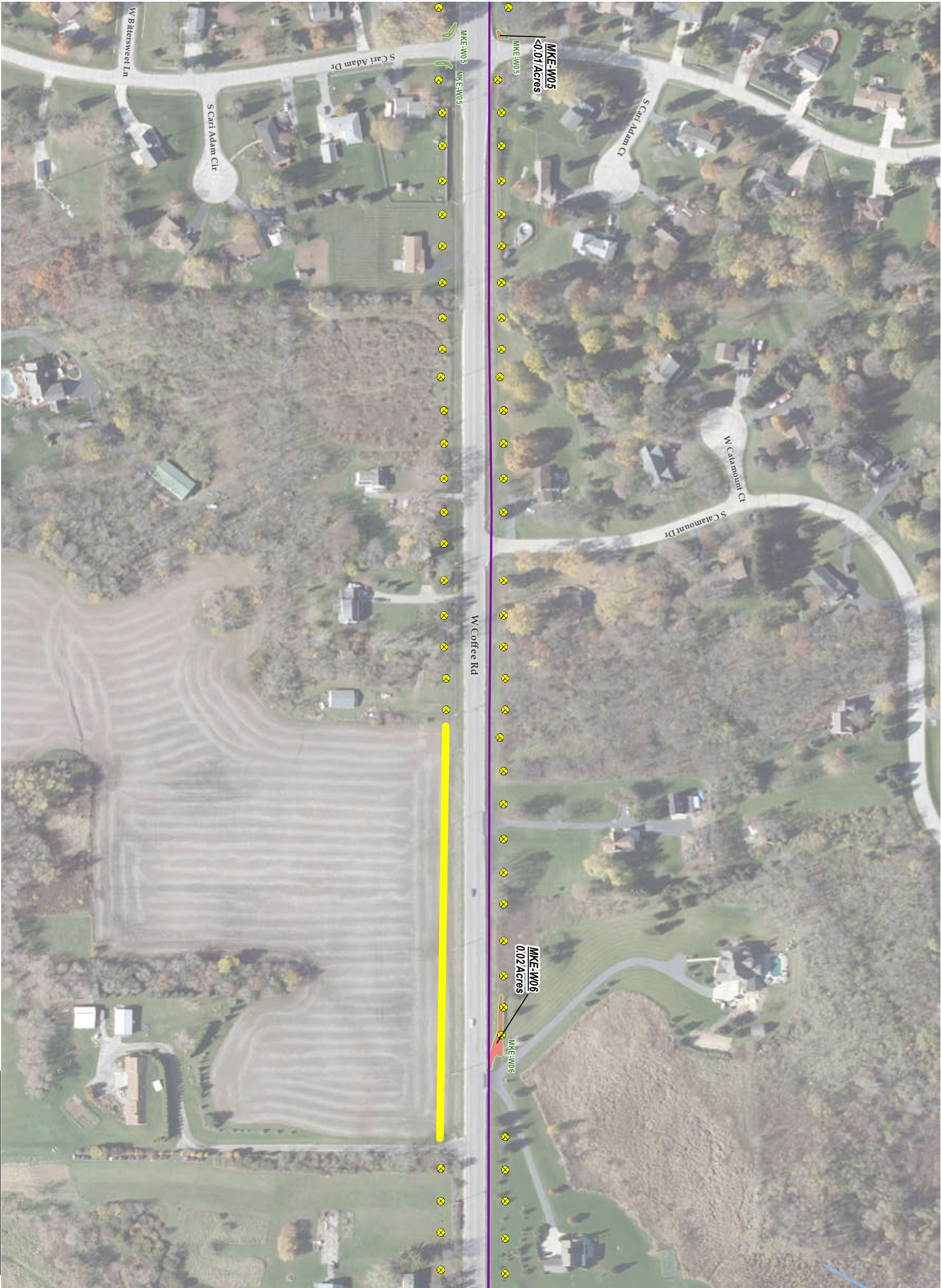
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Great Lakes Water Supply Program
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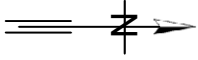
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- NHD STREAM/RIVER
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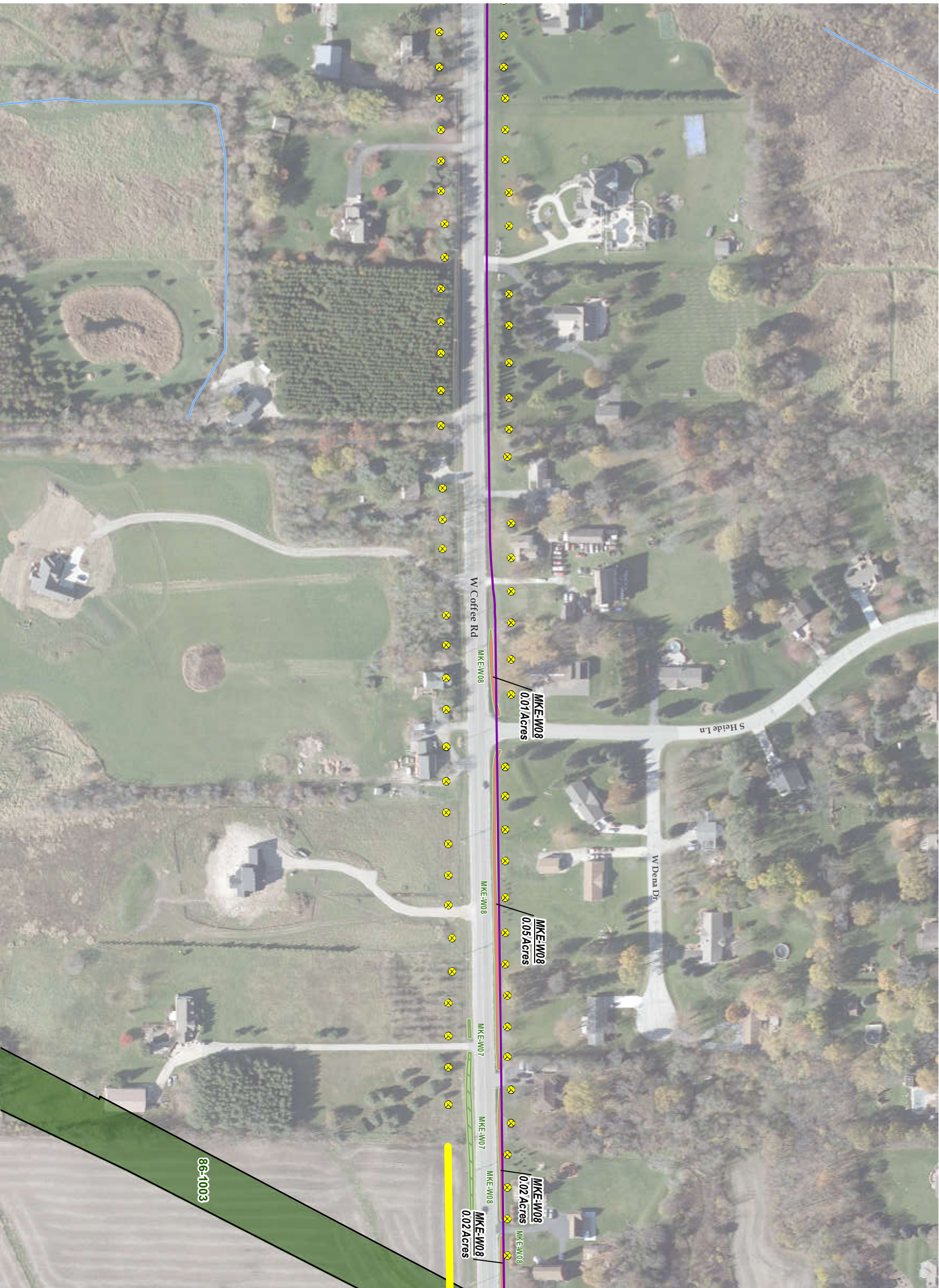
1" = 200'



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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

EXHIBIT A
SHEET 66 OF 82

SHOVEL TEST - 15 M INTERVAL

SURFACE COLLECT

WETLAND IMPACT

DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

NHD STREAM/RIVER

WATER SUPPLY PIPELINE

PREVIOUS ARCHAEOLOGICAL SURVEY

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PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/24/2019



LEGEND

EXHIBIT A
SHEET 67 OF 82

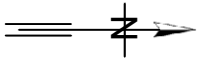
LEGEND

-
- SHOVEL TEST - 15 M INTERVAL
 - SURFACE COLLECT
 - LAND TOO WET TO SHOVEL TEST
 - DISTURBED - PIPELINE
 - WETLAND IMPACT
 - DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
 - WATERWAY
 - NHD STREAM/RIVER
 - WATER SUPPLY PIPELINE
 - PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2. CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3. SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.

1" = 200'



Waukesha, Wisconsin

Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL

SURVEY MAP



Greeley and Hansen

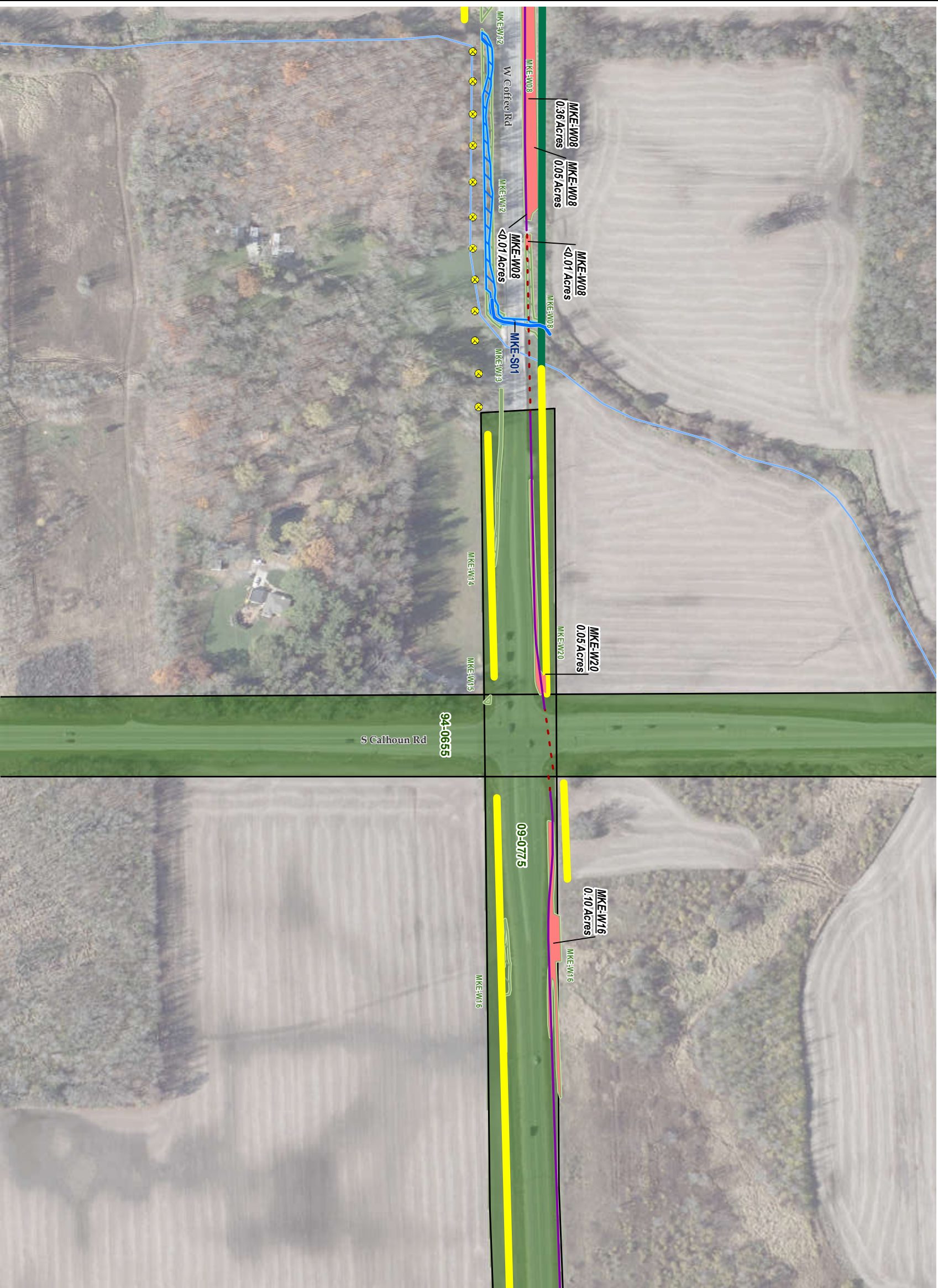
741 N. Grand Avenue, Suite 308
Waukesha, Wisconsin 53186



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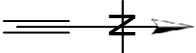
LEGEND

- SHOVEL TEST - 15 M INTERVAL
- SURFACE COLLECT
- LAND TOO WET TO SHOVEL TEST
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- WATERWAY
- NHD STREAM/RIVER
- WATERWAY
- WATER SUPPLY PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

EXHIBIT A
SHEET 69 OF 82

- SURFACE COLLECT
- WETLAND IMPACT
- DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA
- WATER SUPPLY PIPELINE
- PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019





LEGEND

EXHIBIT A
SHEET 70 OF 82

 DELINEATED WETLANDS INSIDE RIGHT-OF-WAY/STUDY AREA

 WATER SUPPLY PIPELINE

 HDD/JACK AND BORE SEGMENT

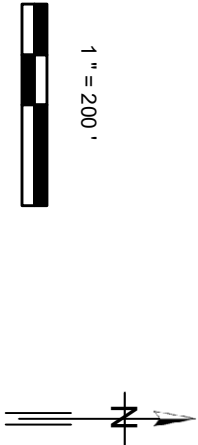
 PREVIOUS ARCHAEOLOGICAL SURVEY

- NOTES
1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.
3.

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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

NHD STREAM/RIVER

WATERWAY

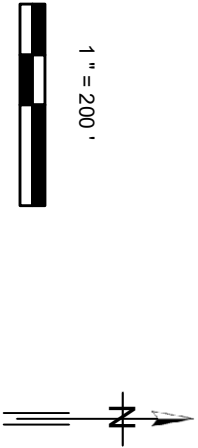
WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

- NOTES
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

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LEGEND

SHOVEL TEST - 15 M INTERVAL

WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

- NOTES
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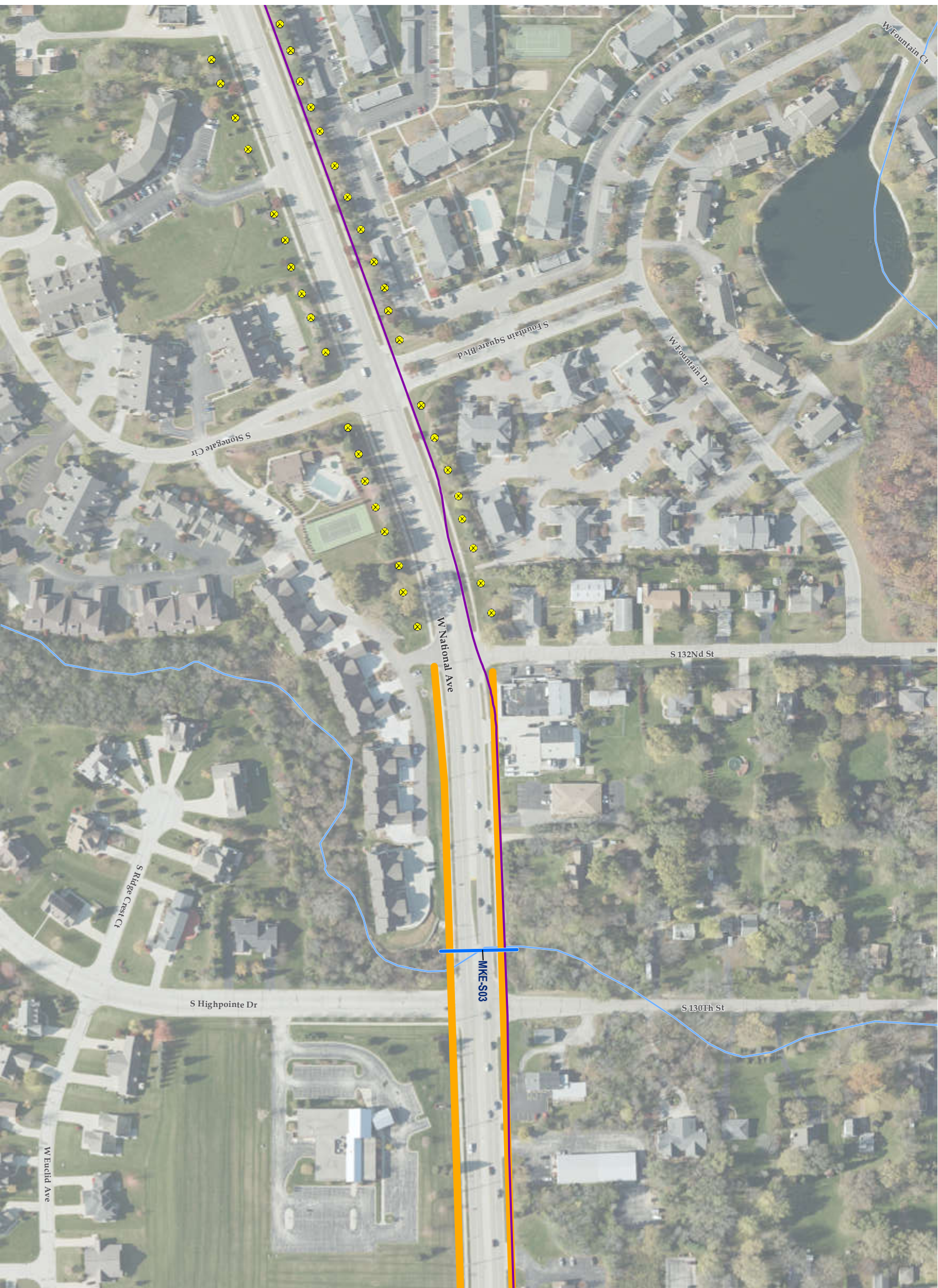
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Waukesha, Wisconsin
Great Lakes Water Supply Program

PHASE I ARCHAEOLOGICAL SURVEY MAP

Date: 4/24/2019



LEGEND

SHOVEL TEST - 15 M INTERVAL

DISTURBED - NOT SHOVEL TESTED

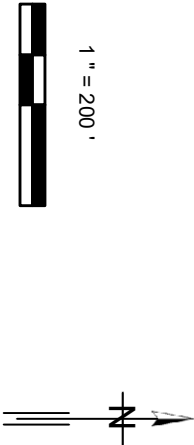
NHD STREAM/RIVER

WATERWAY

WATER SUPPLY PIPELINE

NOTES

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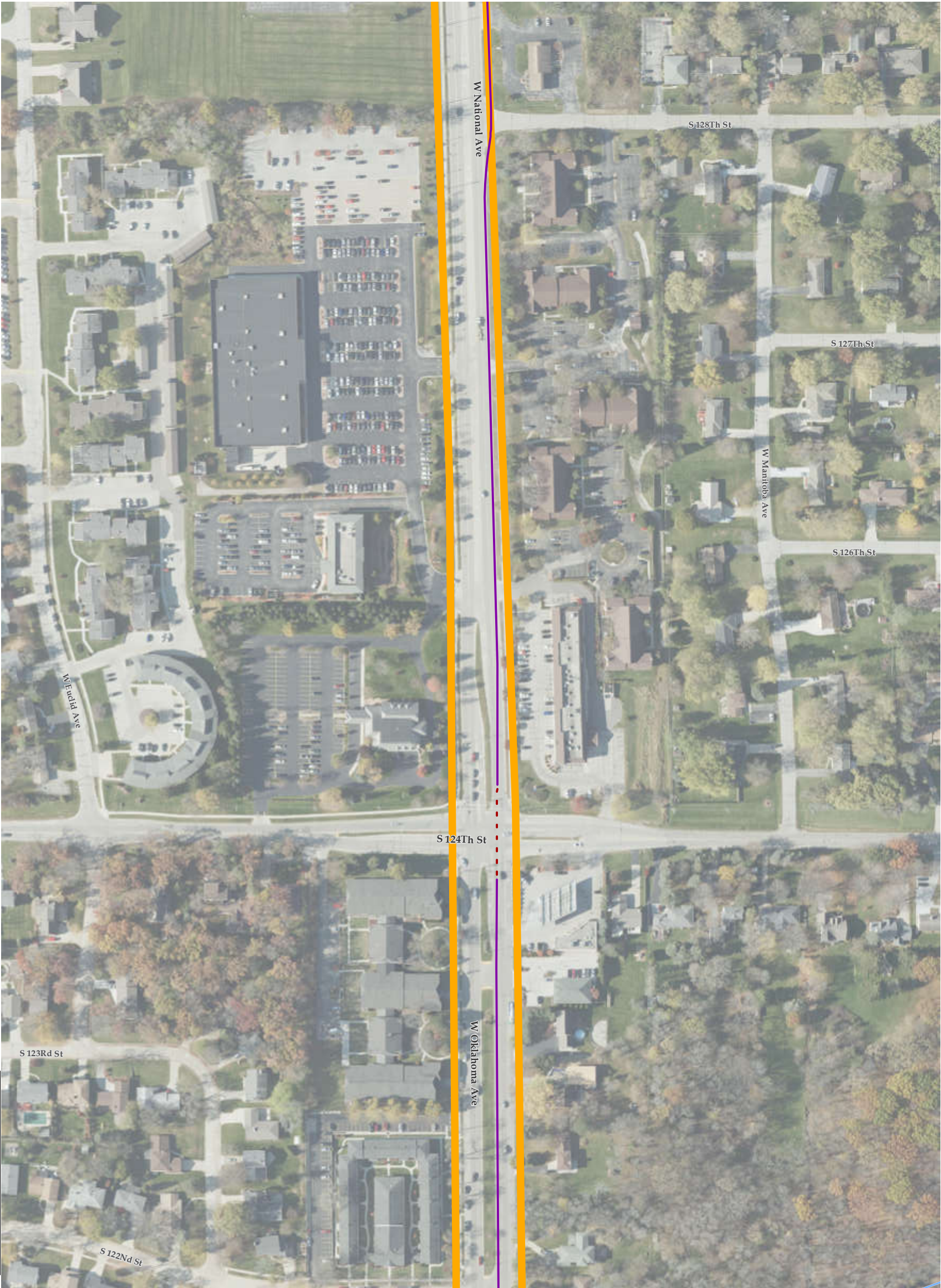
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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019



LEGEND

DISTURBED - NOT SHOVEL TESTED

NHD STREAM/RIVER

WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

EXHIBIT A
SHEET 75 OF 82

NOTES

1.

BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.

2.

CULTURAL INFORMATION FROM THE WISCONSIN HISTORICAL PRESERVATION DATABASE AND TRC FIELD STUDIES.

3.

SECTIONS OF THE PIPELINE THAT WILL BE INSTALLED WITH HORIZONTAL DIRECTIONAL DRILLING AND JACK AND BORE ARE SHOWN AS DASHED CENTERLINE.

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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019

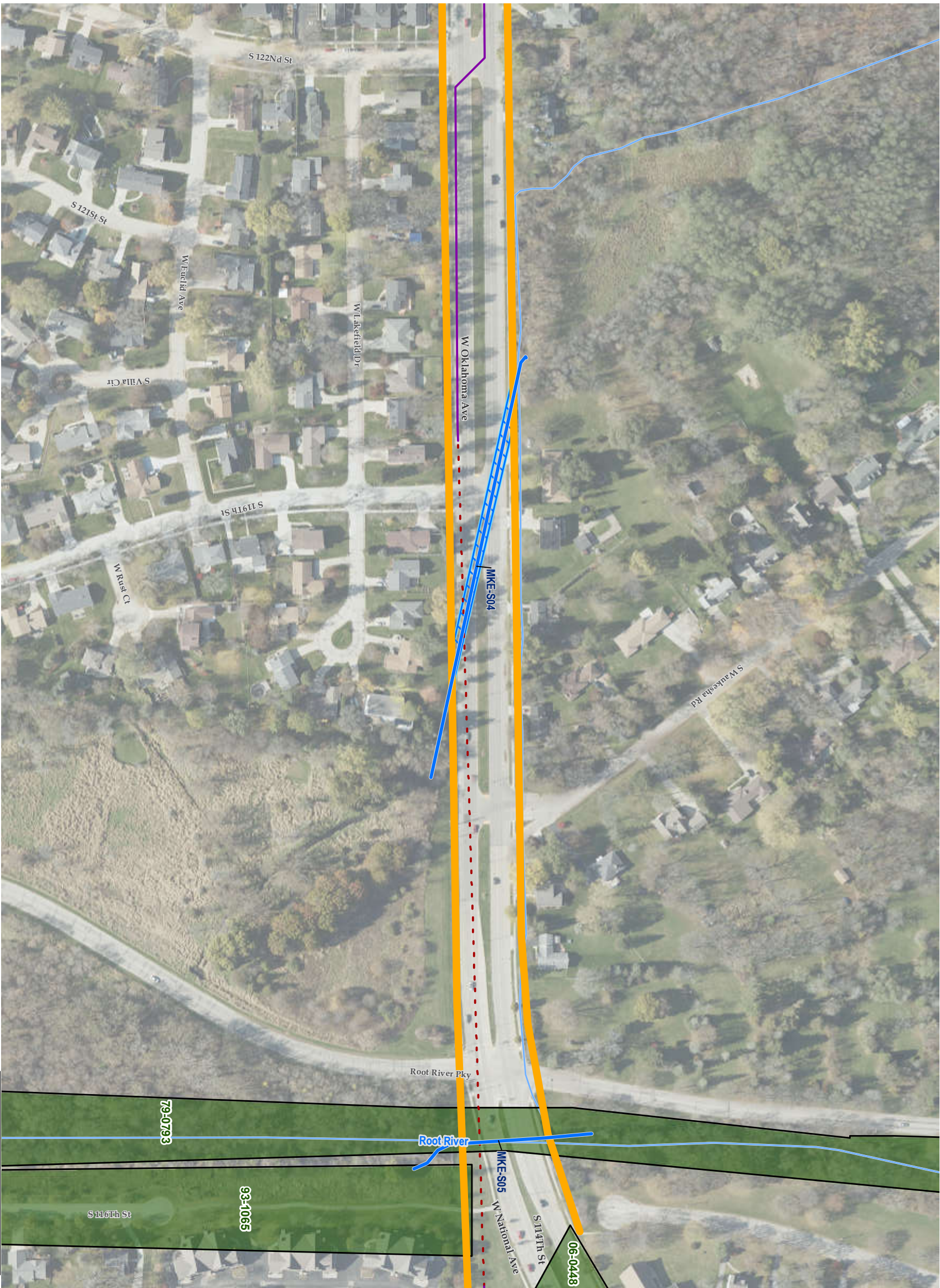









EXHIBIT A
SHEET 76 OF 82

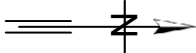
LEGEND

-  DISTURBED - NOT SHOVEL TESTED
-  WATERWAY
-  NHD STREAM/RIVER
-  WATERWAY
-  WATER SUPPLY PIPELINE
-  HDD/JACK AND BORE SEGMENT
-  PREVIOUS ARCHAEOLOGICAL SURVEY

NOTES

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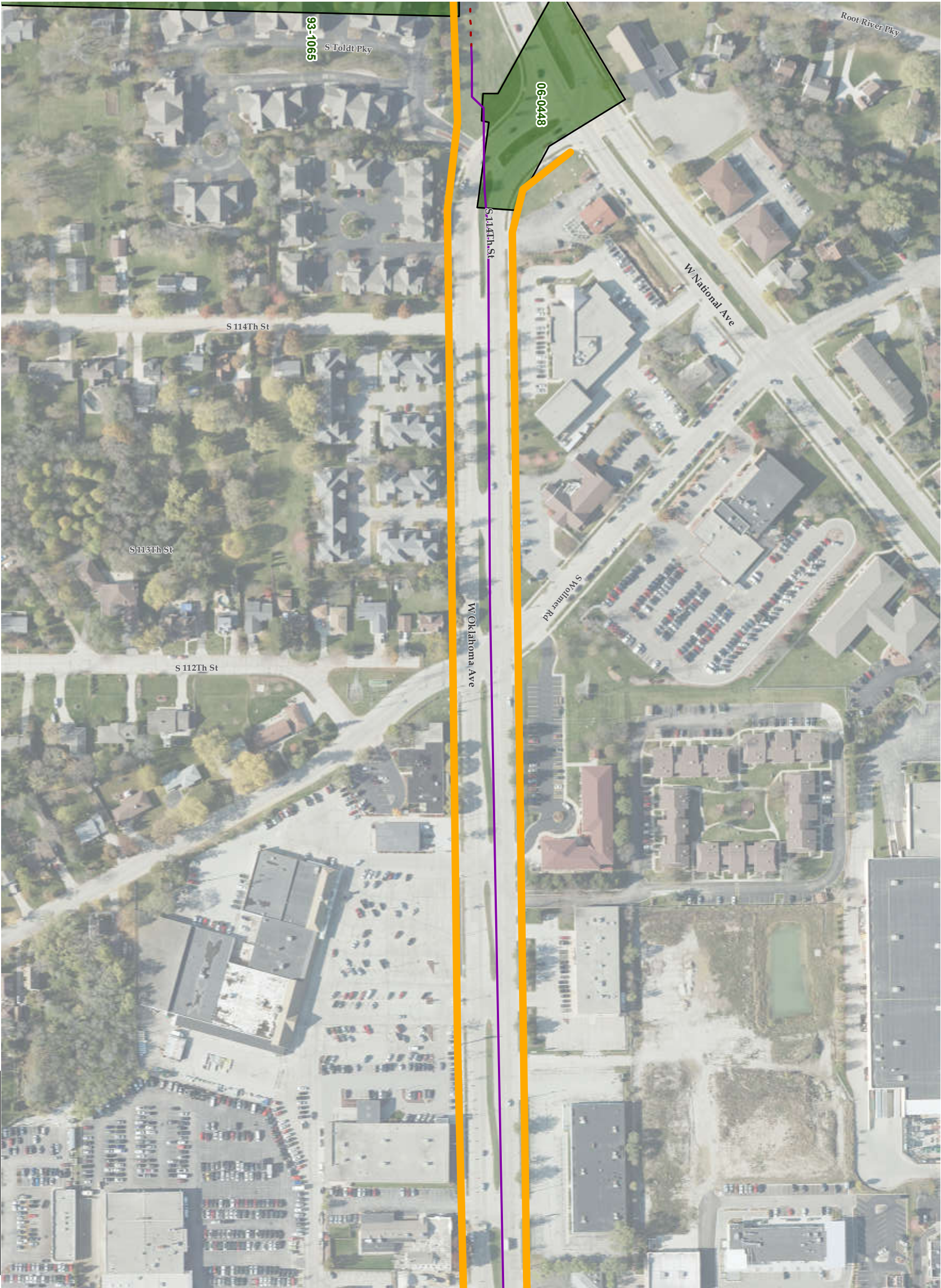
1" = 200'



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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A
SHEET 77 OF 82

NOTES

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL
SURVEY MAP
Date: 4/24/2019

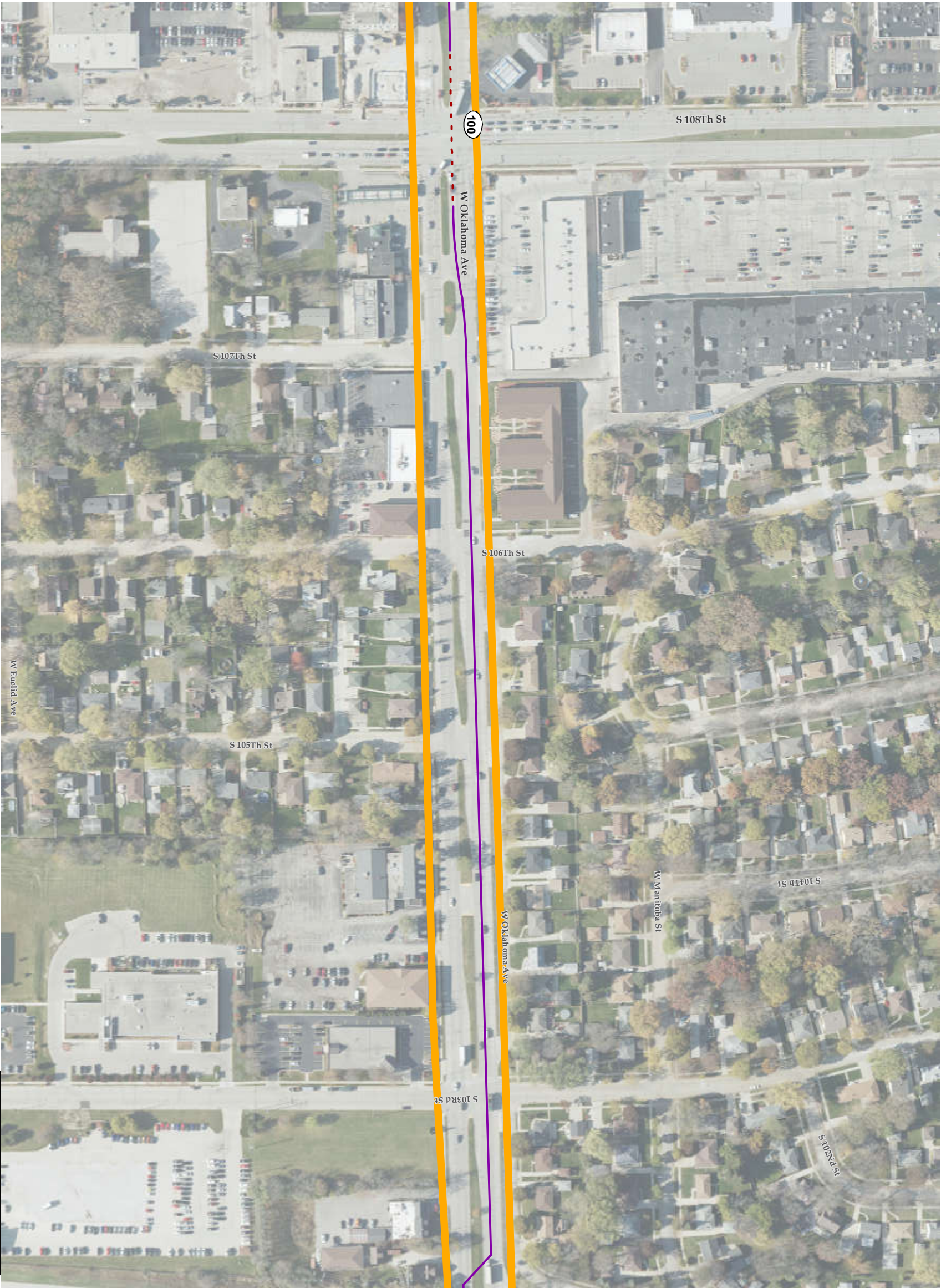
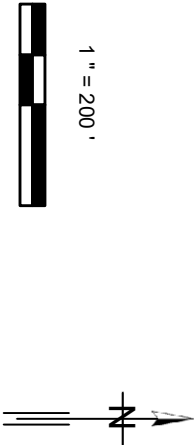


EXHIBIT A
SHEET 78 OF 82

- LEGEND**
- DISTURBED - NOT SHOVEL TESTED
 - WATER SUPPLY PIPELINE
 - - - HDD/JACK AND BORE SEGMENT

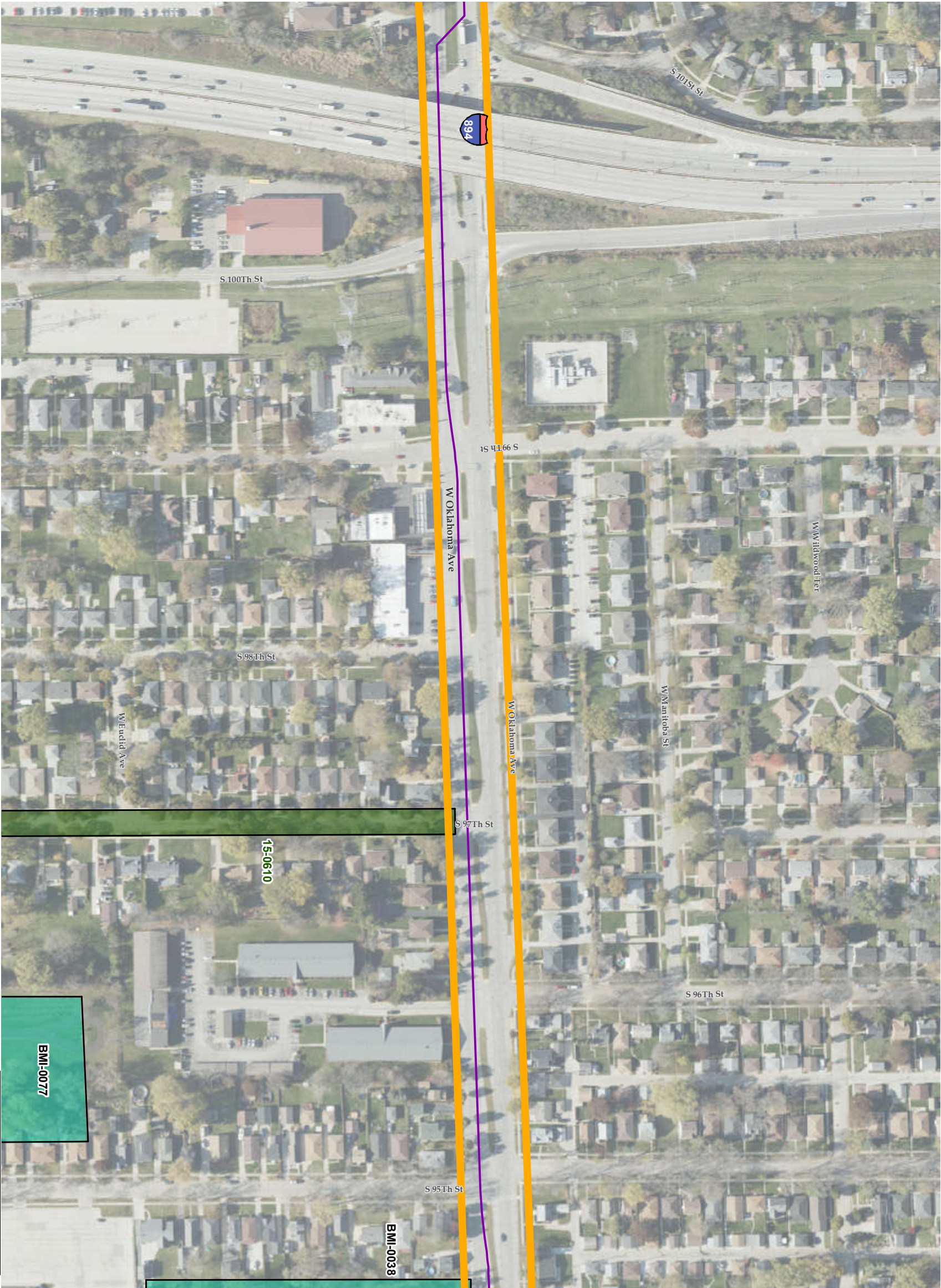
- NOTES**
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

CEMETERY

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A
SHEET 79 OF 82

NOTES

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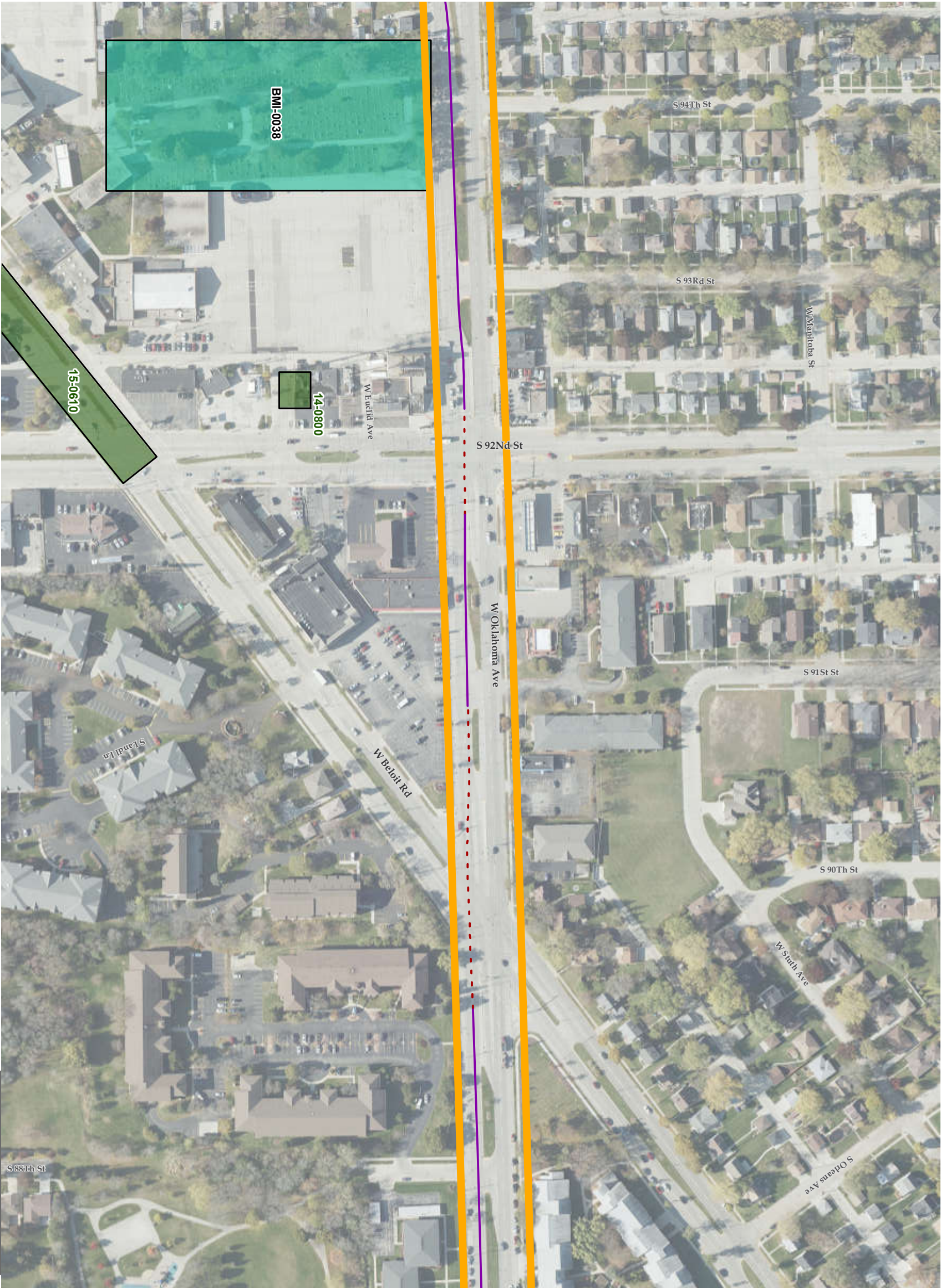
Waukesha, Wisconsin 53186

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Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



LEGEND

DISTURBED - NOT SHOVEL TESTED

WATER SUPPLY PIPELINE

HDD/JACK AND BORE SEGMENT

CEMETERY

PREVIOUS ARCHAEOLOGICAL SURVEY

EXHIBIT A
SHEET 80 OF 82

NOTES

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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019

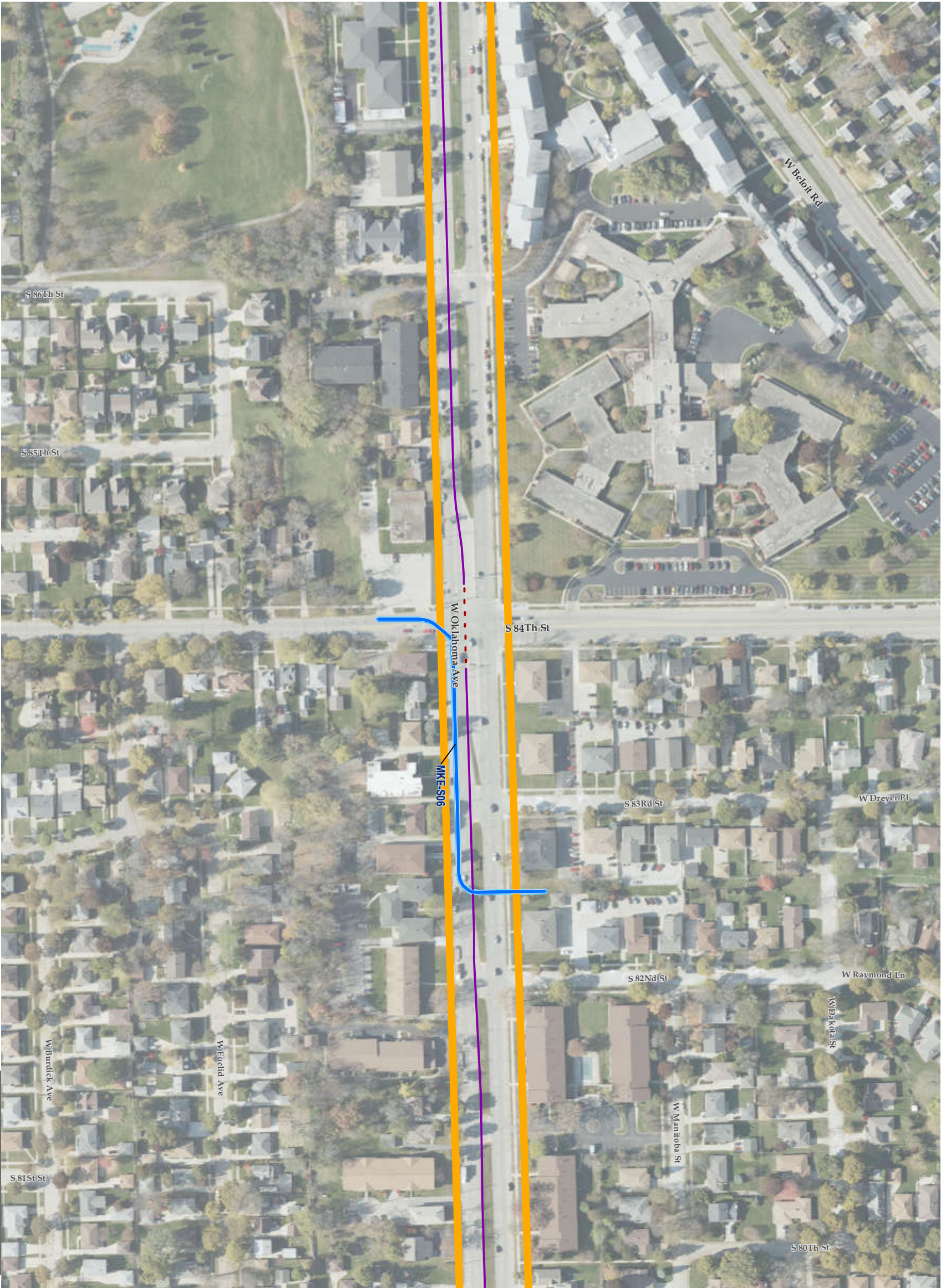
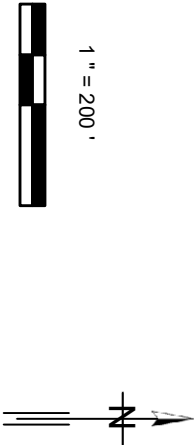


EXHIBIT A
SHEET 81 OF 82

- LEGEND**
- DISTURBED - NOT SHOVEL TESTED
 - WATERWAY
 - WATERWAY
 - WATER SUPPLY PIPELINE
 - HDD/JACK AND BORE SEGMENT

- NOTES**
1. BASE MAP IMAGERY FROM GREELEY & HANSEN, 2017.
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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019



EXHIBIT A
SHEET 82 OF 82

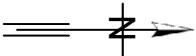
LEGEND

- DISTURBED - NOT SHOVEL TESTED
- WATERWAY
- NHD STREAM/RIVER
- WATERWAY
- WATER SUPPLY PIPELINE
- HDD/JACK AND BORE SEGMENT
- PREVIOUS ARCHAEOLOGICAL SURVEY

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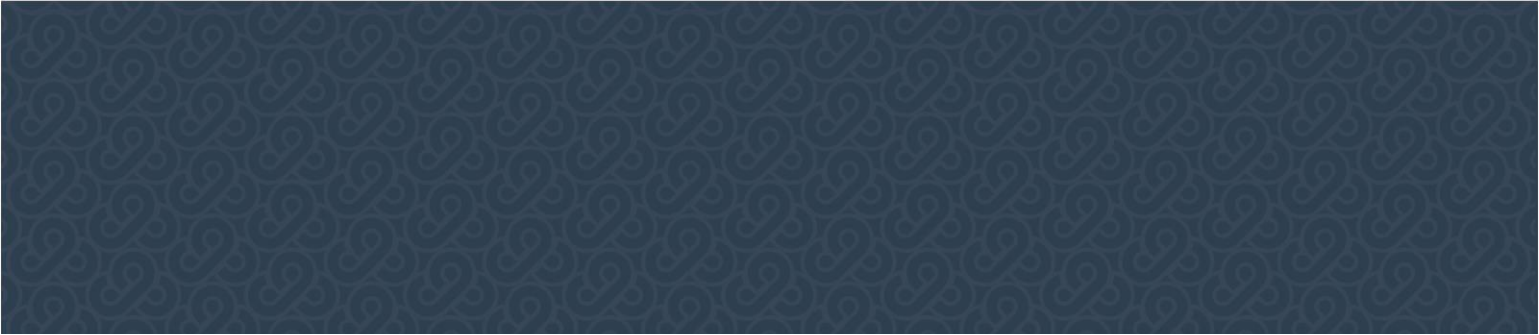
1" = 200'




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Waukesha, Wisconsin
Great Lakes Water Supply Program
PHASE I ARCHAEOLOGICAL SURVEY MAP
Date: 4/24/2019

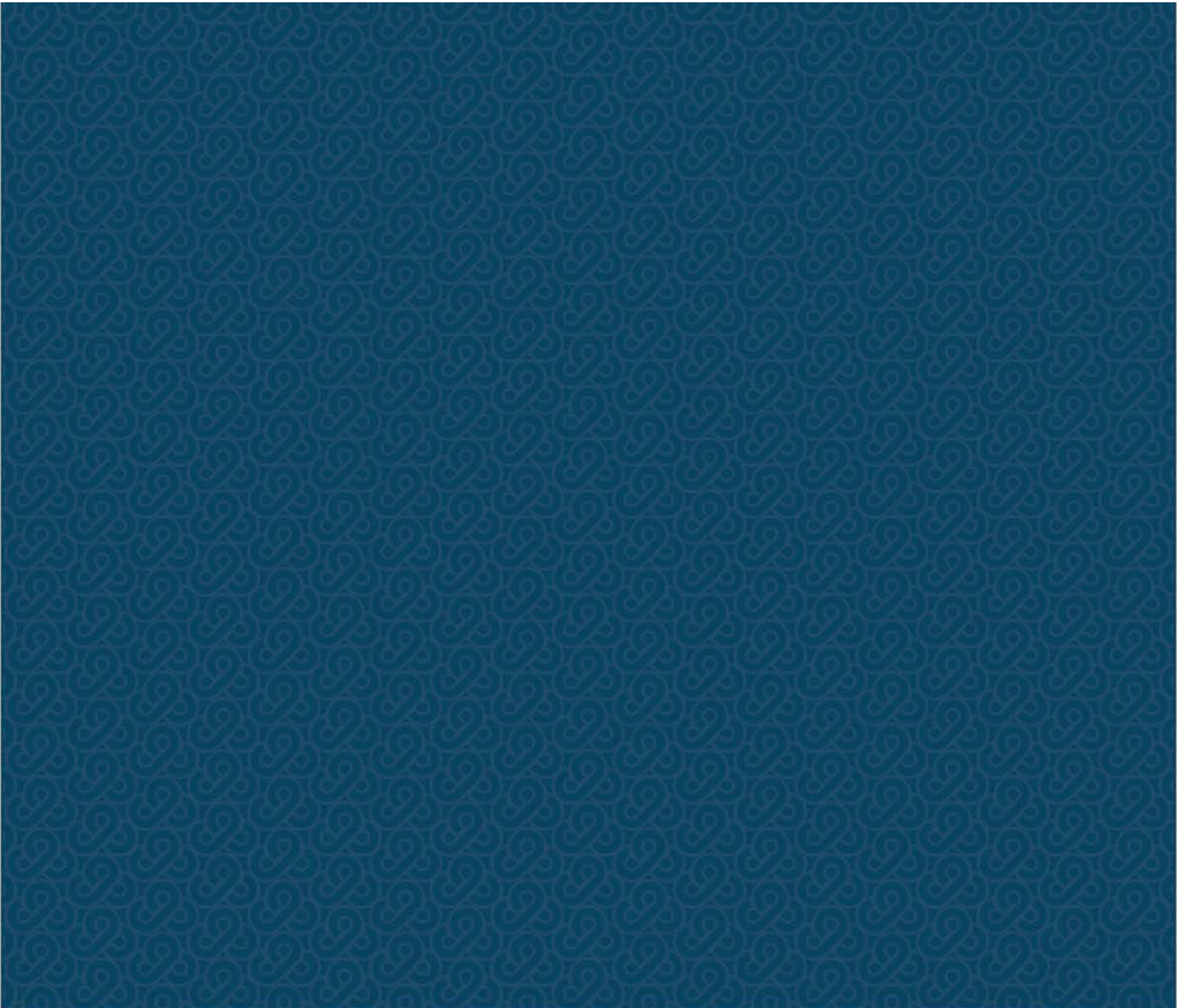


Appendix 3: Cemetery Documentation





Appendix 3: Cemetery Documentation





150 North Patrick Blvd.
Suite 180
Brookfield, WI 53045

262.879.1212 PHONE
262.879.1220 FAX

www.TRCSolutions.com

November 13, 2017

Mr. Andrew Stern
Wisconsin Historical Society
816 State Street
Madison, WI 53706

RE: Request to Conduct Limited Subsurface Exploration at Burial Site BMI-0176
(Dutch Reformed Cemetery Site) for a Proposed Water Line Construction Project in Franklin
Township, Milwaukee County, Wisconsin
TRC Project 263344 – Phase 2 – Task 3
WIARC No. 196

Dear Mr. Stern:

A TRC Environmental Corporation (TRC) archaeologist conducted a literature and archives review for the above mentioned archaeological/burial site for the proposed pipeline route for the Great Lakes Water Supply Program. This report describes where the cultural site is relative to the route and provides all available information about the burial site as it relates to the route. Map 1 shows the cemetery, the proposed route, and the former archaeological survey. The purpose of this report is to request authorization to work within the mapped boundary of the site, if that becomes necessary, to determine if the site is actually in the proposed route, and to make a recommendation on how to treat the location during construction.

Two Phase I archaeological surveys have included the location in the 1990s and an archaeological survey of the entire route is in progress at this time. The burial site has been avoided pending authorization to conduct limited subsurface exploration. This letter presents a review of the site.

Literature and Archives Results for BMI-0176 (Dutch Reformed Cemetery Site)

BMI-0176 (Dutch Reformed Cemetery Site)

This is an historical Euro-American cemetery in the NE¼, NW¼, NW¼, NE¼ of section 28 in T5N, R21E in Franklin Township, Waukesha County. The WHPD record is based on a notation on an older topographic map. There are no archaeological reports related to the site. The "Find a Grave" website shows the most recent interments are: 2012, 2007, 1997, 1957, 1953, 1942, and 1938 with the majority being late nineteenth century and very early twentieth century. There are 73 records for interments at this cemetery on the web site. The cemetery is well cared for and apparently outside the project route currently proposed.

Mr. Andrew Stern
Wisconsin Historical Society
November 13, 2017
Page 2

There is no other written documentation on record that applies to this site; thus, in order to comply with *Wis.Stats. § 157.70* requirements, it may be necessary to shovel test through the southern edge of the site area as mapped and within the project corridor after obtaining authorization to work in a burial site from the Wisconsin Historical Society (WHS).

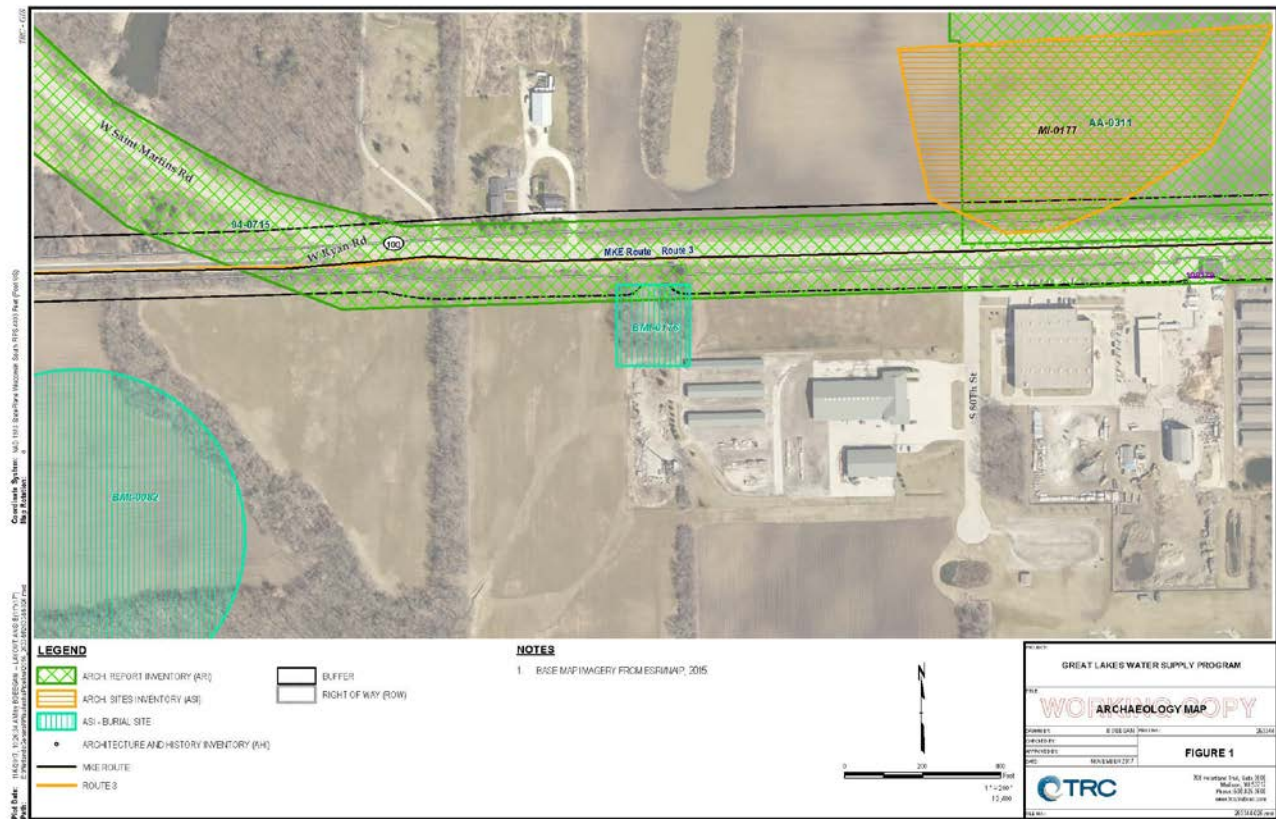
Today the general area is somewhat agricultural/commercial but the cemetery is set back from the road and apparently in an agricultural setting and apparently outside the project area. Photo 1 is a view of the terrain at the cemetery location. Map 1 is a copy of the Wisconsin Historic Preservation Database (WHPD) shape file for 47BMI-0176 overlaid on an aerial photo. The map also shows the proposed route of the pipeline in the Ryan Rd.

TRC Environmental Corporation requests that you provide the needed authorization so that we can complete the Phase I survey. If I can provide any additional information, please contact me by email at avandyke@trcsolutions.com, or by phone at 262-225-5105.

Sincerely,



Allen P. Van Dyke
Principal Archaeologist



Map 1: WHPD shape file for 47BMI-0176 overlaid on pipeline route along Ryan Road.

Mr. Andrew Stern
Wisconsin Historical Society
November 13, 2017
Page 4



Photo 1: BMI-0176 location. View to west.



Request to Disturb a Human Burial Site

Name of Owner/Agent/Company Requesting to Disturb _____

Contact Address _____

Contact E-Mail _____ Contact Phone Number _____

Landowner Name (if different) _____

Describe your project, including reason for and nature of ground disturbance:

Utility installation ☐ Private home construction ☐ WDNR Permit Review ☐ Other project ☐

Complete description/additional details: _____

County _____ Civil Town/Municipality _____

Town _____ Range _____ ☒ E ☐ W (circle one) Section _____ Quarter Sections _____

Address of property (if applicable) _____

State Site Number _____ Burial Site Number _____ WHS Case # _____

Cataloging Status (if known)

☐ Proposed disturbance is to an **uncatalogued** human burial site or to the uncatalogued portion of a human burial site that contains catalogued human burials.

☐ Proposed disturbance is to a **catalogued** human burial site.

Attachments (REQUIRED)

☐ Scaled and dated project plans and maps showing the relationship of the proposed ground disturbance to the human burial site. Include labeled boundaries of uncatalogued and catalogued burial areas.

☐ Photographs and/or aerial photos (as available) of the project area.

Signed _____ Date _____

Print Name _____

Landowner Signature (if different) _____ Date _____

Return completed form
via postal service to:

Cpftgy 'Ugtp
Wisconsin Historical Society
816 State Street
Madison, Wisconsin 53706

Telephone: (608) 263-4679
Fax: (608) 264-6504

For more information, please visit wihist.org/Request-to-Disturb



WISCONSIN
HISTORICAL
SOCIETY

December 11, 2017

Mr. Allen P. Van Dyke
TRC Solutions
150 North Patrick Blvd., Suite 180
Brookfield, WI 53045

IN REPLY, PLEASE REFER TO WHS CASE # 17-1482/MI

Re: Request to Conduct Ground-Disturbing Activity within the Boundaries of Uncatalogued Dutch Reformed Cemetery Burial Site (BMI-0176), New Water Pipeline Installation

Dear Mr. Van Dyke:

I approve your request to undertake "limited appropriate subsurface exploration" within the boundaries of Dutch Reformed Cemetery human burial site (BMI-0176), as described in your submittal describing the above-referenced project.

Please note, limited appropriate subsurface exploration will not obviate the need for monitoring any additional ground-disturbing activities undertaken through the burial site, unless such testing reveals that the entire proposed ground-disturbing location has been disturbed previously to a degree greater than the degree of disturbance proposed for this undertaking. Please provide corroborating written information describing this finding to justify termination of monitoring activities. In the event that the area is not disturbed, as just described, monitoring of the additional ground-disturbing activity is required for this project.

Based on the information you have provided in your submittal materials regarding the above referenced project, I do hereby authorize the proposed ground disturbing activities within the boundaries of the uncatalogued burial site BMI-0176, pursuant to the provisions of Wis. Stats. § 157.70 (4) and Wis. Admin. Code § HS 2.04 (4), and according to the provisions provided below.

Your Authorization to conduct this work shall be valid for a period of one year from the date of this letter.

This Authorization applies to the proposed work activity specifically described in your submittal. All ground-disturbing activities that occur within the boundaries of the uncatalogued burial site

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816 State Street Madison, Wisconsin 53706

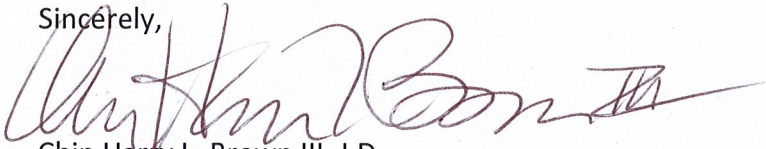
shall be monitored by a qualified archeologist, as defined at Wis. Stats. § 157.70 (1) (i). You are qualified to carry out the monitoring activity. You may find a list of other such qualified archeologists at the following web site: <http://www.wisconsinhistory.org/pdfs/hp/HPR-Burial-Excavation-Consultants-List.pdf>.

If during the proposed ground disturbing activity you encounter human remains, you must stop work at that location and contact our office immediately for further coordination, and, in the event that human remains must be excavated and analyzed, for negotiation and execution of an appropriate contract.

Any deviation from the plans described in your submittal materials that may occur within the boundaries of the uncatalogued burial sites that involves ground disturbing activity must be described in writing and said description forwarded to this office for further review and Authorization. Such modified work is not covered or authorized by this letter.

With questions, please contact me. We anticipate receipt of your monitoring report, when it becomes available. Thank you for your continued attention to this matter.

Sincerely,

A handwritten signature in dark ink, appearing to read "Chip Harry L. Brown III, J.D.", with a stylized flourish at the end.

Chip Harry L. Brown III, J.D.

Senior Compliance Officer - Lead

(608) 264-6508 (Office)

(608) 264-6504 (FAX)

chip.brown@wisconsinhistory.org

in consideration of the sum of Fifty Dollars to them in hand paid, by the said parties of the second part, the receipt whereof is hereby confessed and acknowledged have given, granted, bargained, sold, remise, released, and quitclaimed, and by these presents do give, grant, bargain, sell, remise, release and quitclaim unto the said party of the second part, to his heirs and assigns forever. The following described real estate lying and being in the County of Milwaukee and State of Wisconsin to wit: Lot one (1) of Block Thirty (30) in Sherman's addition in the Sixth Ward of the City of Milwaukee. To Have and to hold, the same, together with all and singular appurtenances and privileges thereunto belonging or in anywise thereunto appertaining, and all the estate, right, title interest and claim, whatsoever of the said parties of the first part, either in Law, or equity, to the only proper use, benefit and behoof of said party of the second part, his heirs and assigns forever.

In Witness Whereof the said parties of the first part have hereunto set their hands and seals the day and year first above written.

Signed sealed and delivered in presence of } Frank Pass.

Nicolaus Engel, C. H. Meyer,

Margaretha Pass.

State of Wisconsin }

Henry Jante.

County of Milwaukee }

Ezzie Jante.

On the twenty-first day of January, A.D. 1876, came before me Frank Pass, Margaret Pass, Henry Jante and Ezzie Jante the above named grantors and acknowledged the execution of the foregoing deed freely and voluntarily for the uses and purposes therein mentioned.

C. H. Meyer.

Recorded March 21st 1876 }
at 3 o'clock P.M.

Notary Public
Milwaukee Wis

John Katrio wife to Reformed Church Deed.

This Indenture made this twenty first day of March in the year of Our Lord One Thousand eight hundred and seventy six Between John Katrio and Maria Katrio his wife of the town of Franklin in the County of Milwaukee and State of Wisconsin party of the first part and the reformed Church (formerly called the dutch reformed church) of the town of Franklin, Milwaukee County Wisconsin, party of the second part. Witnesseth, that the said party of the first part, for and in consideration of the sum of Thirty one (\$31.00) Dollars, lawful money of the United States of America to us in hand paid by the said party of the second part, at or before the enrolling and delivery of these presents do alien, remise, release, convey and confirm, unto the said party of the second part, and its successors and assigns, forever, all the following described Lot piece or parcel of land, situated in the town of Franklin in the County of Milwaukee and State of Wisconsin and known and described as follows to wit: Being a part of the West half of the North East quarter of section twenty eight (28) town five (5) north Range twenty one (21) East, in the Milwaukee land district

and bounded as follows viz: Beginning in a point One Hundred twenty three and one half ($123\frac{1}{2}$) Rods west from the North East corner of said section twenty eight (28) on the section line Thence Nine and one half ($9\frac{1}{2}$) Rods due West, Thence fourteen (14) Rods due South parallel with the section line on the East side Thence Nine and one half ($9\frac{1}{2}$) Rods due East parallel with the section line on the North side Thence fourteen (14) Rods due North parallel with the section line on the West side to the point of beginning where it terminates being $133\frac{1}{160}$ part of one acre of land. Together with all and singular the tenements, hereditaments and appurtenances thereto belonging, or in anywise appertaining; and the reversion and reversions, remainder and remainders rents, issues and profits thereof; and also all the estate, right, title, interest, in said property, possession, claim and demand whatsoever, as well in law as in equity of the said party of the first part, of, in or to the above described premises and every part and parcel thereof, with the appurtenances; To Have and to Hold all and singular the above mentioned and described premises, together with the appurtenances, unto the said party of the second part, its successors, and assigns forever. And the said John Kotris and Maria Kotris his wife for themselves heirs, executors and administrators, do hereby covenant, promise, and agree, to and with the said party of the second part, its successors and assigns, that they have not made, done, committed, executed or suffered any act or acts, thing or things whatsoever, whereby, or by means whereof, the above mentioned and described premises, or any part or parcel thereof, now are, or at any time, hereafter shall or may be impeached, charged or incumbered, in any manner or way whatsoever. In Witness Whereof the said party of the first part have hereunto set their hands and seals the day and year first above written.

Signed Sealed and delivered in the presence of
F. D. Getteler. Sarah G. Getteler

Johannes Kotris (seal)
Maria Kotris (seal)

State of Wisconsin.)

Milwaukee County } ss I Frederick D. Getteler, a Notary Public, in and for said County, in the State aforesaid, do hereby certify, that Johannes Kotris and Maria his wife personally known to me to be the same persons whose names are subscribed to the foregoing Warranty Deed, appeared before me this day in person and acknowledged that they signed, sealed and delivered the said instrument of writing as their free and voluntary act, for the uses and purposes therein set forth. Given under my hand and seal this twenty first day of March A.D. 1876.

Recorded March 22. 1876.
at 4 1/2 o'clock P.M.

F. D. Getteler
Notary Public.

Henry Kalka Do. Carl F. Knopf et al. et al.
This Indenture, made the third day of September in the year of our Lord one thousand eight hundred and seventy six between Henry Kalka of the City of Milwaukee and State of Wisconsin, party of the first part and Carl Ferdinand Knopf and Caroline Knopf of the same place, parties of the second part

A 896	TOWNSHIP	RANGE	SECTION	¼ SEC.	TOWN OF FRANKLIN	742
5		21	28	NE		81215

896 9997

TAX ROLL DESCRIPTION

TAX EXEMPT.

(742)

No Plat

VOL.	PAGE	DOC. NO.	DOC.	DATE	GRANTEE'S NAME
145	448	NONE	WD	3-1-76	REFORMED CHURCH (FORMERLY DUTCH R.C.)

THIS PARCEL DIVIDED

REFER TO

DEED — DESCRIPTION

THAT PART OF THE W $\frac{1}{2}$ OF THE NE $\frac{1}{4}$ OF SEC. 28-5-21E. BOUNDED AND/DESC. AS FOLLOWS -- BEGINNING IN A PT 123 $\frac{1}{2}$ RODS W FROM THE NE CORNER OF SAID SEC. 28 ON THE SEC LINE, TH 9 $\frac{1}{2}$ RODS DUE W, TH 14 RODS DUE S PARALLEL WITH SEC LINE ON THE E SIDE, TH 9 $\frac{1}{2}$ RODS DUE E PARALLEL WITH THE SEC LINE ON THE N SIDE, TH 14 RODS DUE N PARALLEL WITH THE SEC LINE ON THE W SIDE, TO THE PT OF BEGINNING, WHERE IT TERMINATES BEING 133-100 PART OF 1 ACRE OF LAND.

Part conveyed to Key No. 741 (3) ^{156.75} — 21 ft x 170 ft gap in previous descriptions conveyed to ^{231.0} adj. parcel.
(For the N 33' for Ryan Road refer to Key No 550) (885-9999)

T D W 156.75 ft of E 2194.50 ft of N 231 ft of NE ¼ Sec 28 5 21 Cont 0.845 Acs
(See Survey in file re cemetery)

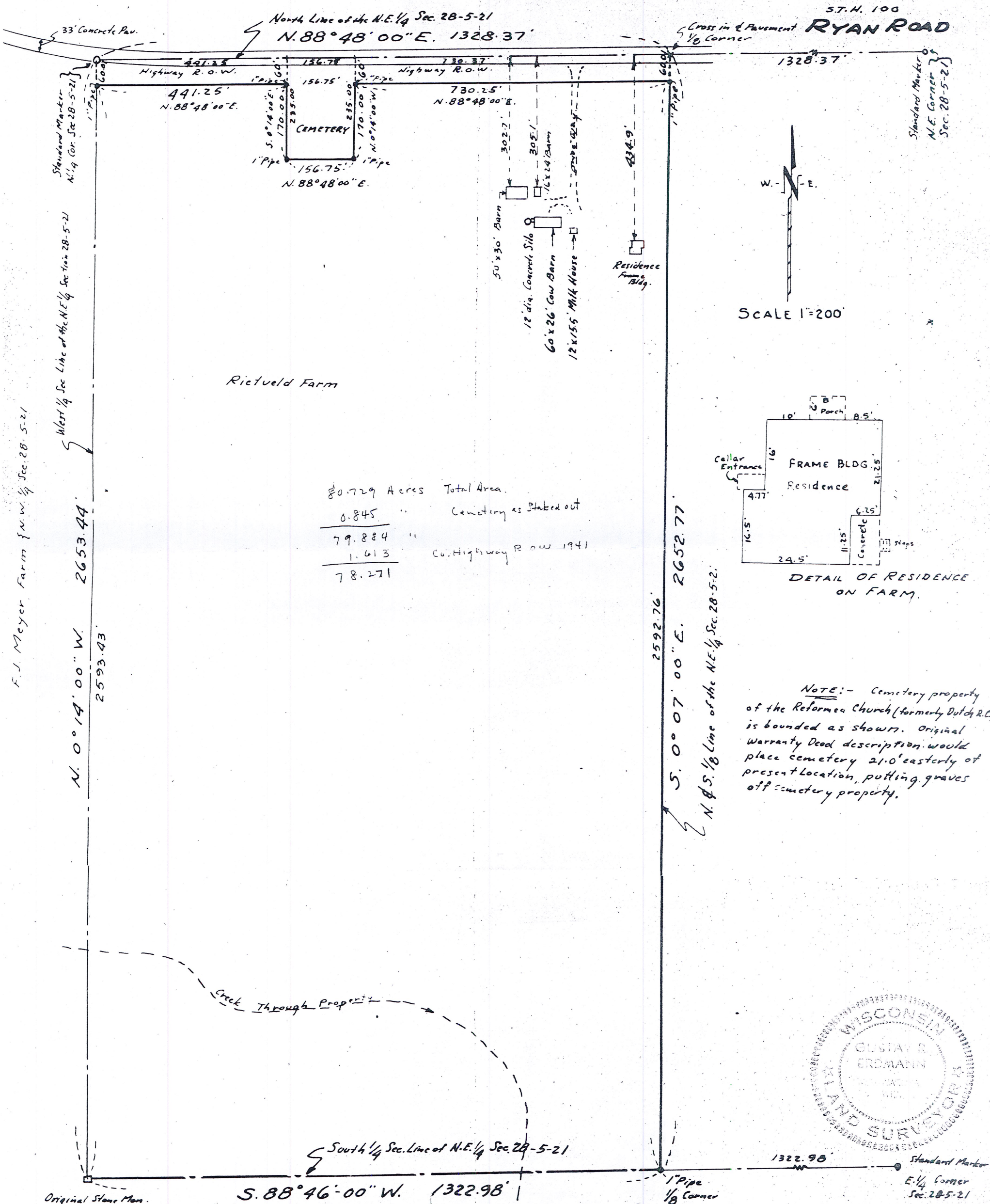
TR Desc W. ¹⁵ 156.75 ft of E 2194.50 ft of N 231 ft of NE ¼ Sec 8 5 21 Cont 0.845 Acs Subj to overlapping deed desc

articles of Reformed Church of Franklin CORP. VOL. U PG. 143
Election of trustees of " " " " REL VOL. PG. 99

PLAT OF SURVEY

FOR:-

PROPERTY DESCRIPTION:- That part of the West 1/2 of the N.E. 1/4 of Section 28, Township 5 North, Range 21 East, in the Town of Franklin, Milwaukee County, State of Wisconsin, which is bounded and described as follows:-
Commencing at a point on the West Line of said 1/4 section 60.01 feet S. 0° 14' 00" E. of the Northwest corner of said 1/4 section; thence N. 88° 48' 00" E. and parallel to the North Line of said 1/4 section 441.25 feet to a point; thence S. 0° 14' 00" E. and parallel to the West Line of said 1/4 section 170.00 feet to a point; thence N. 88° 48' 00" E. and parallel to the North Line of said 1/4 section 156.75 feet to a point; thence N. 0° 14' 00" W. and parallel to the West Line of said 1/4 section 170.00 feet to a point; thence N. 88° 48' 00" E. and parallel to the North Line of said 1/4 section 730.25 feet to a point on the North & South 1/2 Line; thence S. 0° 07' 00" E. on the North & South 1/2 Line 2592.76 feet to a point in the South Line of said 1/4 section; thence S. 88° 46' 00" W. on and along the South Line of said 1/4 section 1322.98 feet to the Southwest corner of said 1/4 section; thence N. 0° 14' 00" W. on and along the West Line of said 1/4 section 2593.43 feet to the place of commencement, Containing 78.271 Acres of Land.



80.729 Acres	Total Area.
0.845 "	Cemetery as Staked out
79.884 "	
1.613 "	Co. Highway R.O.W. 1941
78.271	

State of Wisconsin } S.S.
County of Milwaukee }

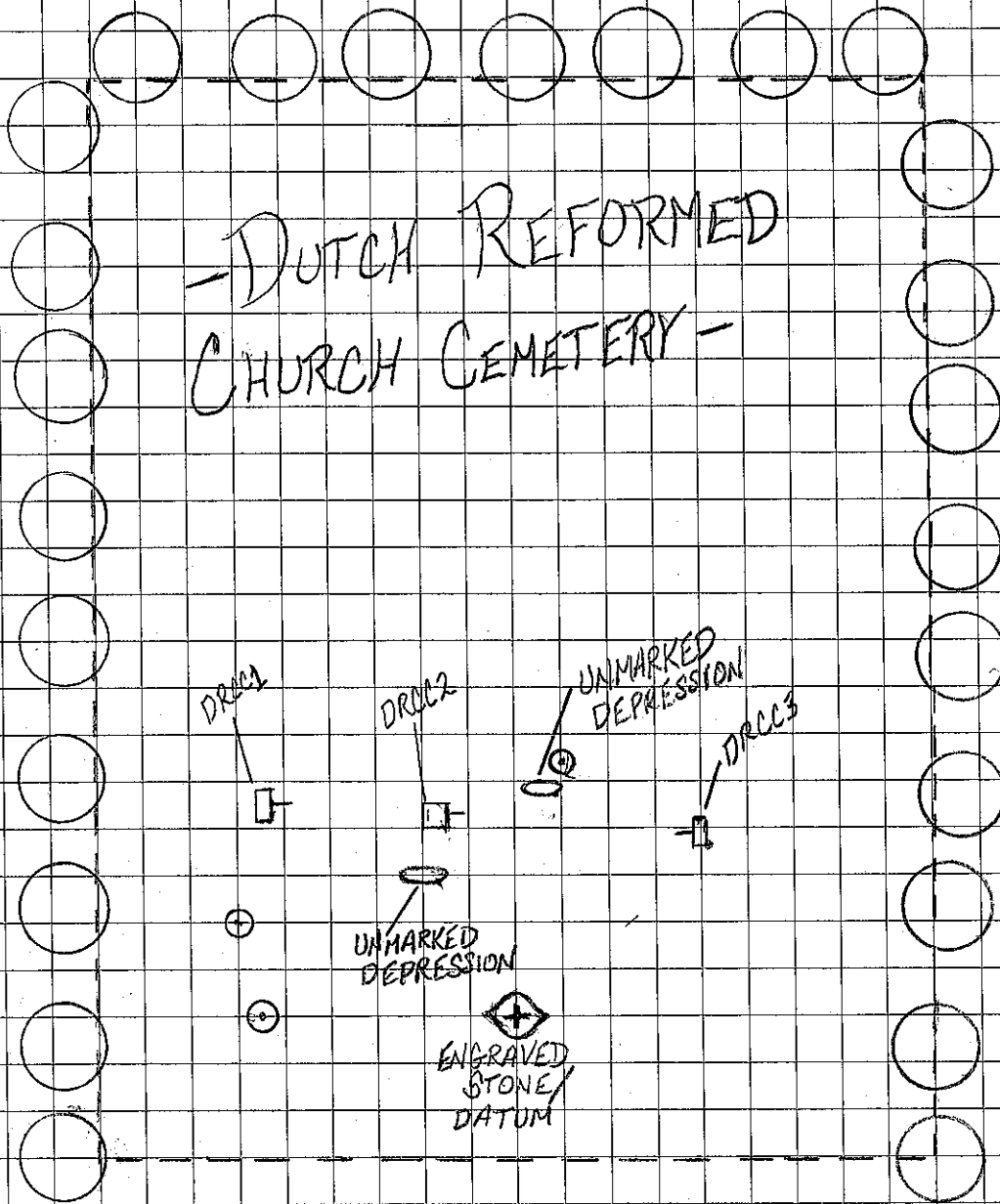
I, GUSTAV R. ERDMANN, do hereby certify that I have surveyed the above described property according to official records, and that the plat above drawn is a correct representation of said survey.
Dated: - March 17, 1956.

Gustav R. Erdmann
Registered Land Surveyor

WAUKESHA WATER UTILITY PROJECT
TRC ENVIRONMENTAL INC.
DUTCH REFORMED CHURCH CEMETERY
8301 WEST RYAN ROAD, FRANKLIN, WI
DRAWN BY: STEVEN SARICH DATE: 11/28/2017

FENCE - ZUERN BUILDING PRODUCTS

-DUTCH REFORMED
CHURCH CEMETERY-



LEGEND

- CEMETERY BOUNDARY
- GRAVE MARKER
- + DATUM
- ◇ ENGRAVED STONE
- == ROADWAY
- TREES AND TREE LINE
- UNMARKED DEPRESSION

GRAVEL SHOULDER

RYAN ROAD

GRAVEL SHOULDER



Request to Disturb a Human Burial Site

Name of Owner/Agent/Company Requesting to Disturb _____

Contact Address _____

Contact E-Mail _____ Contact Phone Number _____

Landowner Name (if different) _____

Describe your project, including reason for and nature of ground disturbance:

Utility installation ☐ Private home construction ☐ WDNR Permit Review ☐ Other project ☐

Complete description/additional details: _____

County _____ Civil Town/Municipality _____

Town _____ Range _____ ☒ E/W (circle one) Section _____ Quarter Sections _____

Address of property (if applicable) _____

State Site Number _____ Burial Site Number _____ WHS Case # _____

Cataloging Status (if known)

☐ Proposed disturbance is to an **uncatalogued** human burial site or to the uncatalogued portion of a human burial site that contains catalogued human burials.

☐ Proposed disturbance is to a **catalogued** human burial site.

Attachments (REQUIRED)

☐ Scaled and dated project plans and maps showing the relationship of the proposed ground disturbance to the human burial site. Include labeled boundaries of uncatalogued and catalogued burial areas.

☐ Photographs and/or aerial photos (as available) of the project area.

Signed _____ Date _____

Print Name _____

Landowner Signature (if different) _____ Date _____

Return completed form
via postal service to:

Briana Porter
Wisconsin Historical Society
816 State Street
Madison, Wisconsin 53706

Telephone: (608) 264-6505
Fax: (608) 264-6504

For more information, please visit <http://wihist.org/10WqFCf>

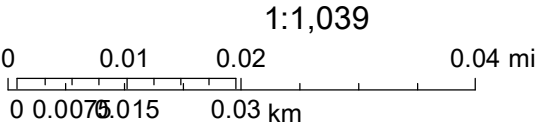
Project Overlap of Burial Site BMI-0038



April 5, 2018

- Primary Routes**
- MKE - M1
 - MKE Route
- ASI - BURIAL SITE**
- SURVEY AREA**

- ROW Search Area**
- BUFFER
 - ROW
 - EASEMENT



C. Busch et al
WARRANTY DEED.

to

St. Matthias Congregation
WEST WILLIAMS CO. 4182

This Indenture, Made this 5th day of June, in the year of our Lord, one thousand nine hundred and eight (1908), between Catherine Busch, nee Jungshiem, Mary Jungshiem, Joseph Jungshiem and Augusta Jungshiem, his wife, Hubert B. Jungshiem and Dora Jungshiem, his wife, Gertrude Jungshiem and Elizabetha Fratz, nee Jungshiem, parties of the first part, and St. Matthias Congregation, a religious corporation, incorporated and existing under the laws of the State of Wisconsin, located at Town of Greenfield, Milwaukee County, Wisconsin, party of the second part, WITNESSETH, That the said parties of the first part, for and in consideration of the sum of Nine Hundred (900) Dollars,

to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors, heirs and assigns forever, the following described real estate, situated in the county of Milwaukee and State of Wisconsin, to-wit: That part of the West fourteen (14) acres of the East one-half (E. 1/2) of the East one-half (E. 1/2) of the North East quarter (N.E. 1/4) of Section Seventeen (17), Town Six (6) North Range Twenty-one (21) East, in the Town of Greenfield, county and state aforesaid, bounded and described as follows to-wit: Commencing at a point on the north line and Four hundred and Twenty-six and 97/100 (426.97) feet west of the North East corner of the North East quarter of Section Seventeen (17), aforesaid, thence west on the north line of said quarter section Two hundred and Thirty and 81/100 (230.81) feet to the North West corner of the east half of the east half of said quarter section, thence south Four (4) degrees twenty-five (25) minutes East on a line One Thousand and Forty-five and 16/100 (1045.16) feet to a point on the center line of the Beloit Road, said point being One hundred and Two and 94/100 (102.94) feet North Fifty-three (53) degrees and Seven (07) hundredths minutes East from the point of intersection of the center line of the Beloit Road with the west line of the east half of the east half of said quarter section, thence North Fifty-three (53) degrees and Seven hundredths (07) minutes East along the center line of the Beloit Road One hundred and Eighty-five and 92/100 (185.92) feet to a point Two hundred and Thirty and 81/100 (230.81) feet east of the west line of the east half of the east half of said quarter section, thence north on a line Two hundred and Thirty and 81/100 (230.81) feet east of and parallel with the west line of the east half of the east half of said quarter section Nine hundred and Thirty-six and 85/100 (936.85) feet to the place of beginning, containing Four and 3637/10000 (4.3637) Acres of land.

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said parties of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To Have and to Hold the said premises as above described, with the hereditaments and appurtenances, unto the said parties of the second part, and to its successors, heirs and assigns FOREVER.

And the Said parties of the first part for themselves, their heirs, executors and administrators, do covenant, grant, bargain and agree to and with the said party of the second part, its successors, heirs and assigns, that at the time of the ensealing and delivery of these presents, they are well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever, subject, however, to all conditions of a certain lease to Peter Howerath, which said lease expires on or about September 1st, 1908, and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors, heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, they will forever WARRANT AND DEFEND.

In Witness Whereof, the said parties of the first part have hereunto set their hands and seal this 5th day of June and year first above written, A. D. 1908.

Signed, Sealed and Delivered in Presence of
W. F. Weiser } Witnesses to Catherine Busch
Jennison Somer }
Leonard Leudig } Witnesses for Joseph Jungshiem and
Geo. F. Jacetz } Augusta Jungshiem
Gerhard A. Basse }
Geo. F. Porter }
STATE OF WISCONSIN, } ss.
County of }
MILWAUKEE COUNTY.

Catherine Busch (Seal)
Mary Jungshiem (Seal)
Joseph Jungshiem [SEAL]
Augusta Jungshiem (Seal)
Hubert B. Jungshiem [SEAL]
Dora Jungshiem (Seal)
Gertrude Jungshiem [SEAL]
Elizabetha Fratz (Seal)

Personally came before me, this 12th day of June, A. D. 1908, the above named Mary Jungshiem, Joseph Jungshiem and Augusta Jungshiem, his wife, Hubert B. Jungshiem and Dora Jungshiem, his wife, Gertrude Jungshiem and Elizabetha Fratz, nee Jungshiem, to me known to be the person who executed the foregoing instrument and acknowledged the same.

Received for Record at 10:30 o'clock, A. M.
July 13th, A. D. 1908
C. L. Maas Register
Per Louis Metzler Deputy

Imp.
NOTARIAL
SEAL
No. 610507

Gerhard A. Basse
Notary Public,
Milwaukee County, Wisconsin.
My commission expires December 20th 1909.

State of Wis. }
County of Juneau }
Personally came before me this 6th day of June A. D. 1908 the above named Catherine Busch, nee Jungshiem to me known to be one of the persons who executed the foregoing instrument and acknowledged the same.
W. F. Weiser Notary Public, Juneau, Wis.
My commission expires Sep. 24, 1911
(Imp. Seal)

NE. 17-6-21
ATLAS P. 525

525

525-06

W. OKLAHOMA

JUN 22 1967

AVE.

N 1/4 SEC LINE

Mill County Treas.
46
6-12-67

ST.
3/114
3/122

3/130

3/134

3/140

3/146

3/150

3/156

3/160

3/166

3/172

3/178

3/200

3/210

LANDS

S. 95

(587.49)

367.49

30

955.59' W

9425

9415

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W. BELOIT

(663.64)

309.34

ROAD

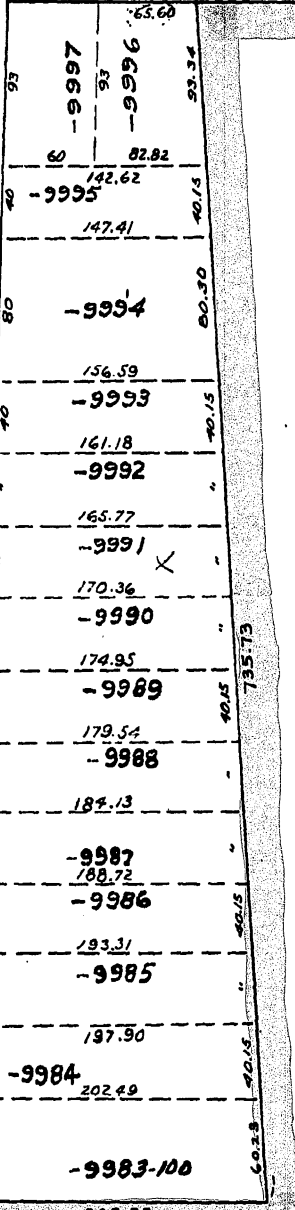
* 9306

936.85

BELOIT HEIGHTS ADJ. P. 525-01

LANDS

525-9999-111
ST. MATTHIAS CONG.



N.E. 17-6-21
ATLAS P. 525

525

525-01
SCALE 1" = 80'

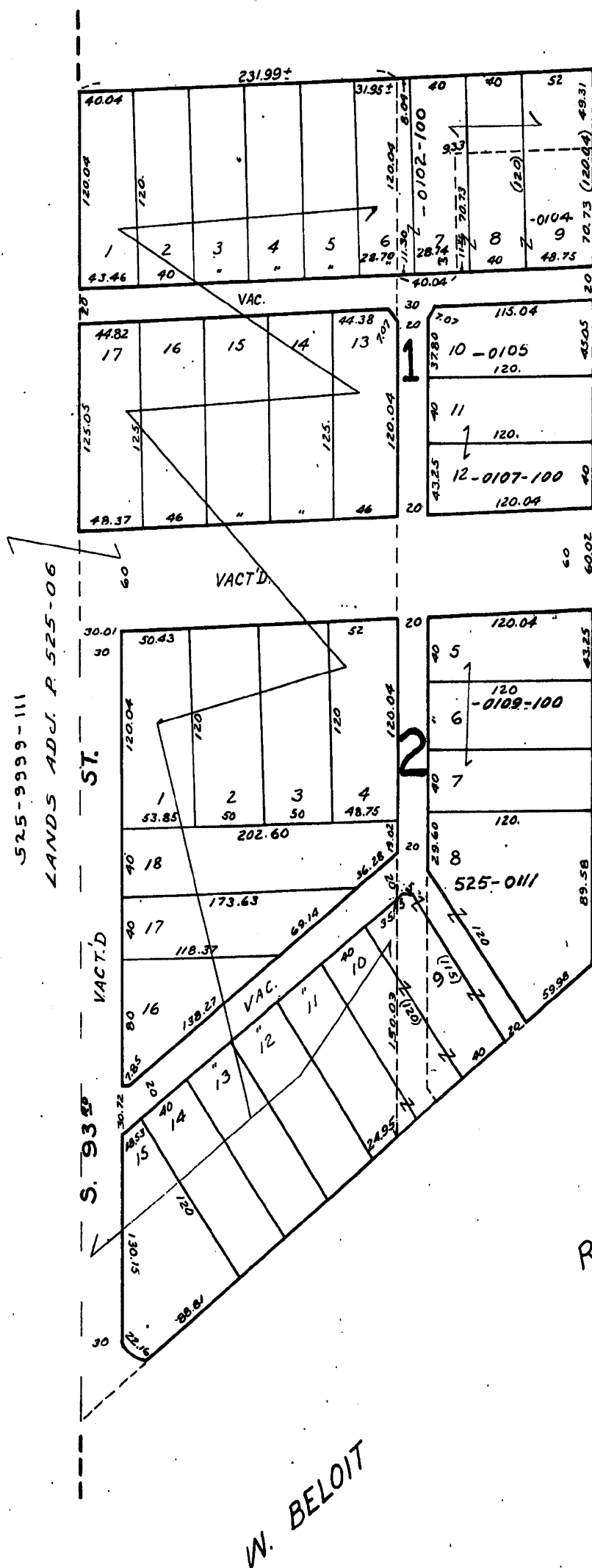
MAP OF BELOIT HEIGHTS

W. OKLAHOMA

AVE.

JUN 8 1978

9215



3105

x 3115

*3/27

3129

3151

5925

* 9200

ROAD



SAINT MATTHIAS PARISH

FAITH *first*

19 June, 2018

TRC

Attn: Allen Van Dyke
150 North Patrick Boulevard
Suite 180
Brookfield, WI 53045-5854

Dear Mr. Van Dyke,

Unfortunately, we are unable to allow you take pictures of the cemetery plot plans or provide you with a copy of the cemetery map.

Based on the knowledge we have, there are no graves beyond the retaining wall that we are aware of.

Sincerely in Christ,

Jeff Van Dalen
Parish Director

No goods or services were provided by the church or its organization in return for this contribution. Contributions are tax deductible to the full extent otherwise allowed by law.

9306 W Beloit Rd | Milwaukee, WI 53227 | Parish 1-414-321-0893 | School 1-414-321-0894

C. Busch et al
WARRANTY DEED.

to

St. Matthias Congregation
WEST WILLIAMS CO. 4182

This Indenture, Made this 5th day of June, in the year of our Lord, one thousand nine hundred and eight (1908), between Catherine Busch, nee Jungshiem, Mary Jungshiem, Joseph Jungshiem and Augusta Jungshiem, his wife, Hubert B. Jungshiem and Dora Jungshiem, his wife, Gertrude Jungshiem and Elizabetha Fratz, nee Jungshiem, parties of the first part, and St. Matthias Congregation, a religious corporation, incorporated and existing under the laws of the State of Wisconsin, located at Town of Greenfield, Milwaukee County, Wisconsin, party of the second part, WITNESSETH, That the said parties of the first part, for and in consideration of the sum of Nine Hundred (900) Dollars,

to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors, heirs and assigns forever, the following described real estate, situated in the county of Milwaukee and State of Wisconsin, to-wit: That part of the West fourteen (14) acres of the East one-half (E. 1/2) of the East one-half (E. 1/2) of the North East quarter (N.E. 1/4) of Section Seventeen (17), Town Six (6) North Range Twenty-one (21) East, in the Town of Greenfield, county and state aforesaid, bounded and described as follows to-wit: Commencing at a point on the north line and Four hundred and Twenty-six and 97/100 (426.97) feet west of the North East corner of the North East quarter of Section Seventeen (17), aforesaid, thence west on the north line of said quarter section Two hundred and Thirty and 81/100 (230.81) feet to the North West corner of the east half of the east half of said quarter section, thence south Four (4) degrees twenty-five (25) minutes East on a line One Thousand and Forty-five and 16/100 (1045.16) feet to a point on the center line of the Beloit Road, said point being One hundred and Two and 94/100 (102.94) feet North Fifty-three (53) degrees and Seven (07) hundredths minutes East from the point of intersection of the center line of the Beloit Road with the west line of the east half of the east half of said quarter section, thence North Fifty-three (53) degrees and Seven hundredths (07) minutes East along the center line of the Beloit Road One hundred and Eighty-five and 92/100 (185.92) feet to a point Two hundred and Thirty and 81/100 (230.81) feet east of the west line of the east half of the east half of said quarter section, thence north on a line Two hundred and Thirty and 81/100 (230.81) feet east of and parallel with the west line of the east half of the east half of said quarter section Nine hundred and Thirty-six and 85/100 (936.85) feet to the place of beginning, containing Four and 3637/10000 (4.3637) Acres of land.

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said parties of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To Have and to Hold the said premises as above described, with the hereditaments and appurtenances, unto the said parties of the second part, and to its successors, heirs and assigns FOREVER.

And the Said parties of the first part for themselves, their heirs, executors and administrators, do covenant, grant, bargain and agree to and with the said party of the second part, its successors, heirs and assigns, that at the time of the ensealing and delivery of these presents, they are well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever, subject, however, to all conditions of a certain lease to Peter Howerath, which said lease expires on or about September 1st, 1908, and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors, heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, they will forever WARRANT AND DEFEND.

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Signed, Sealed and Delivered in Presence of
W. F. Weiser } Witnesses to Catherine Busch
Jennison Somer }
Leonard Leudig } Witnesses for Joseph Jungshiem and
Geo. F. Jacetz } Augusta Jungshiem
Gerhard A. Basse
Geo. F. Porter
STATE OF WISCONSIN, } ss.
County of }
MILWAUKEE COUNTY.

Catherine Busch (Seal)
Mary Jungshiem (Seal)
Joseph Jungshiem [SEAL]
Augusta Jungshiem (Seal)
Hubert B. Jungshiem [SEAL]
Dora Jungshiem (Seal)
Gertrude Jungshiem [SEAL]
Elizabetha Fratz (Seal)

Personally came before me, this 12th day of June, A. D. 1908, the above named Mary Jungshiem, Joseph Jungshiem and Augusta Jungshiem, his wife, Hubert B. Jungshiem and Dora Jungshiem, his wife, Gertrude Jungshiem and Elizabetha Fratz, nee Jungshiem, to me known to be the person who executed the foregoing instrument and acknowledged the same.

Received for Record at 10:30 o'clock, A. M.
July 13th, A. D. 1908
C. L. Maas Register
Per Louis Metzler Deputy

Imp.
NOTARIAL
SEAL
No. 610507

Gerhard A. Basse
Notary Public,
Milwaukee County, Wisconsin.
My commission expires December 20th 1909.

State of Wis. }
County of Juneau }
Personally came before me this 6th day of June A. D. 1908 the above named Catherine Busch, nee Jungshiem to me known to be one of the persons who executed the foregoing instrument and acknowledged the same.
W. F. Weiser Notary Public, Juneau, Wis.
My commission expires Sep. 24, 1911
(Imp. Seal)

525-9999-111

525-06

9304-06 W BELOIT RD
~~9306 W BELOIT RD~~

70688

LANDS IN NE 1/4 SEC 17-6-21

COM N LI & 426.97' W OF NE COR OF SD 1/4 SEC-TH S 936.85'-TH
SWLY ALG CL W BELOIT RD 663.64'-TH N ALG CL OF S 95TH ST
587.49'-TH E 239.38'-TH NWLY 735.73' TO N LI SD 1/4 SEC-TH E
373.37' TO BEG EXC STS & ALSO PART BLKS 1 & 2 IN MAP OF
BELOIT HEIGHTS ADJ LYING W OF W LINES OF N & S ALLEYS &
THEIR EXTENSION N & S IN SD BLKS 1 & 2 & ALL VAC ALLEYS &
STS ADJ

2

mp 11-23-64

Key No. 525-9999-100

Abstracter

Date

FEE 574-149
PART

W.D. ** \$900.00 Date 6-5-08

Rec'd 7-13-08

Doc. No. 610507

Catherine Ensck, nee Zingsheim
Mary ZingsheimSt. Mathias Congregation
9300 W. Beloit Rd.

Joseph Zingsheim & Augusta, hw

Hubert P. Zingsheim & Dora, hw

Gertrude Zingsheim

Elizabeth Gratz, nee Zingsheim

FEE 1506-364
PART

Q.C.D. ## \$1.00 & 3-19-38

3-23-38

2168317

Archdiocese of Milwaukee

St. Mathias Congregation

FEE 1833-121
PART

W.D. ### \$8.25 Stamps 6-25-42

7-11-42

2380599

Alex Paasch &
Theresa " hw

St. Mathias Congregation

LW CHKA TO 6-2-67

STREET
1377-220

W.D. %% \$1.00 & 2-29-32

9-2-32

1916471

St. Mathias Congregation

Milwaukee County

EASEMENT R300-1527

Easement \$ \$1.00 3-15-66

3-31-66

4245745

jll

Saint Mathias Congregation

Wisconsin Electric Power Company &
Wisconsin Telephone CompanyFEE R229-1535
PART

W.D. ø \$26.40 Stamps 1-14-65

1-15-65

4154877

mp

Raymond Stawicki &
Estelle " hw

St. Mathias Congregation

40 Rev. J. B. EMMEUEGGER, PASTOR

9306 W. Beloit Rd. - 27-11/27

FEE 2023-639
PART

W.D. \$4.40 Stamps 6-26-44

6-30-44

2498138

Peter J. Mathes &
Irene " hw
S 40' of @William F. Schneider Jr. &
Myrtle V. " hwFEE 2997-635
PART

W.D. \$1.00 & 3-21-52

4-2-52

3099031

A. J. Muth
N 20' of @William F. Schneider &
Myrtle " hwFEE R254-459
PART

W.D. @ \$12.65 Stamps 6-24-65

6-25-65

4187332

mk

William F. Schneider, Jr. a/k/a
William F. Schneider & Myrtle V., hw
a/k/a Myrtle Schneider., hw

St. Mathias Congregation

ST. MATHIAS CONGREGATION A RELIGIOUS CORPORATION
 REV. JOSEPH E. EMMEUEGGER, PASTOR
 9306 W. BELOIT RD.

mp 11-23-64

Key No. 525-9999-100

Abstracter _____

Date _____

FEE 1833-125
PARTW.D. * \$8.25 Stamps Date 6-25-42
John Graf &
Elizabeth Graf, hwRec'd 7-11-42 Doc. No. 2380601
St. Mathias Congregation
9300 W. Beloit Rd.VACATED ALLEY
FEE 3597-94
PART

Order Discontinuing Alley 6-30-51

7-12-56

3507390

East & West alley in Blk 1 W of c/l of Lot 13 extd N'y & W. Euclid Ave. bet
Blks 1 & 2 lying W of c/l of Lot 13 Blk 1 & Lot 4 Blk 2 extd; Alley bet Lots
16, 17, 18, 9 & 15, Blk 2 lying W of c/l of Lot 4, Blk 2 extd E'y; Alley
bet Lots 8 & 9, Blk 2 lying SE'y of NW'y line of Lots 9 to 15 Blk 2 extd
NE'y; S. 93rd St. between W. Beloit Rd. & W. Euclid Ave.
Ordered to revert to abutting owner.

MTG 2955-249

MTG * \$200,000.00 8-1-51
Saint Mathias Congregation8-3-51 3044150
Catholic Knights of Wisconsin

MTG 3723-614

MTG * \$670,000.00 7-9-56
St. Mathias Congregation7-12-56 3507391
Northwestern Mutual Life Insurance Co.

1010-301

W.D. \$.50 Stamps 1-3-24
Christ Steinmetz &
Frances " hw1-17-24 1256949
St. Mathias CongregationFEE
PART

998-74

W.D. \$1.00 & 1-3-24
Christ Steinmetz & Frances, hw
Walter C. Steinmetz & Cherie, hw1-17-24 1254950
St. Mathias CongregationFEE 3606-319
PARTW.D. % \$22.00 Stamps 8-3-56
Rudolph C. Weber &
Theresa M. " hw8-6-56
St. Mathias CongregationFEE 1833-121
PARTW.D. # \$8.25 Stamps 6-25-42
Alex Paasch &
Theresa " hw7-11-42 2380599
St. Mathias CongregationSTREET
1328-353W.D. 12-9-29
Alex Paasch &
Theresa " hw
(For widening W. Oklahoma Ave.)2-21-30 1763717
Milwaukee County

- * Lots 1, 2, 3, 4, 5, 13, 14, 15, 16, 17 & part of Lot 6 desc as; Beg at NW cor of Lot 6; th N 88° 57' E on N/1 of Lot 6, 31.95'; th S 120.04' to pt in c/1 Lot 6; th S 88° 27' W on S/1 of Lot 6, 28.70' to SW cor of Lot 6; th N 1° 33' W on W/1 Lot 6, 120' to beg all in Blk 1. Also Lots 1, 2, 3, 4, 12, 13, 14, 15, 16, 18 & that part of Lots 9, 10, 11 described as; Beg at SW'ly cor Lot 11; th N 53° 07' E on SE'ly line of Lot 11, 24.05'; th N 150.03' to N'ly cor of Lot 9; th S 53° 7' W on NW'ly line of Lots 9, 10 & 11, 115' to W'ly cor of Lot 11; th S 36° 53' E alg the SW line of Lot 11, 100' to beg, being all in Blk 2 and all being in Beloit Heights a subd of part of the NE 1/4 Sec 17-6-21.
- 0 That part of the NE 1/4 of Sec 17-6-21 described as follows; Com 793' S & 957.84' W of NE cor of sd 1/4 Sec; th S 160'; th E 264.32'; th N'ly 160.60'; th W 246.27' to beg, exc wt.
- % That part of the NE 1/4 Sec 17-6-21E, described as follows; Com 953' S & 874.99' W of NE cor of sd 1/4 Sec; th S 252.30'; th NE'ly 103' m/1 to N 192.7' m/1 th W 80' to beg. Cont 0.409 acres m/1.
- # Com 426.97' W of NE cor 1/4 Sec; th S on a line 230.81' W of & par with W/1 of E 1/2 of E 1/2 of 1/4 Sec 936.85' to c/1 of Beloit Rd; th S 53° 7' W alg the c/1 of Beloit Rd. 80'; th N 2° 58' W 983.22' to N/1 of 1/4 Sec; th E 116.28' to comm.
- ** That part of the W 1/4 acres of the E 1/2 of the E 1/2 of the NE 1/4 of Sec 17-6-21E, bounded & described as follows; Com at a pt on the N/1 & 426.97' W of the NE cor of the NE 1/4 of Sec 17 aforesaid; th W on the N/1 of sd 1/4 Sec 230.81' to the NW cor of the E 1/2 of the E 1/2 of sd 1/4 Sec; th S 4° 25' E on a line 1045.16' to a pt on the c/1 of the Beloit Rd, sd pt being 102.96' N 53° 07' E from the pt of intersection of the c/1 of the Beloit Rd with the W/1 of the E 1/2 of the E 1/2 of sd 1/4 Sec; th N 53° 07' E alg the c/1 of the Beloit Rd. 185.92' to a pt; 230.81' E of the W/1 of the E 1/2 of the E 1/2 of sd 1/4 Sec; th N on a line 230.81' E of & par with the W/1 of the E 1/2 of the E 1/2 of sd 1/4 Sec 936.85' to the place of beg, cont 4.3637 acres of land.
- ## That part of the W 1/2 of the E 1/2 of the NE 1/4 of Sec 17-6-21, bounded & described as follows; Beg in the center of Beloit Rd where it crosses the W/1 of the premises conveyed to Hermann Sauer under Deed recorded in 116-20; th N on the W/1 of sd Sauer tract 16.56 chains to the N/1 of sd 1/4 Sec; th W on sd N/1 2.16 chains; th S 6° 40' E 16.70 chains to the center of W. Beloit Rd; th N 53° E .31 chains to the place of beg, cont 2 acres of land, exc that part there conveyed by Deed recorded in 1377-220, #1916471 (%%)

Cont.

Also that part of the E 1/2 of the E 1/2 of the NE 1/4 of Sec 17-6-21, bounded & described as follows; Beg in the center of W. Beloit Rd where it crosses the W/1 of the premises conveyed to Hermann Sauer under that deed 116-20; th N on the W/1 of sd Sauer tract 16.56 chains to the N/1 of sd 1/4 Sec; th S 4° 40' E 15.65 chains to the center of W. Beloit Rd; th S 53° W alg the center of sd road 1.56 chains to the place of beg, cont 1 acre;

Also that part of the E 1/2 of the E 1/2 of the NE 1/4 of Sec 17-6-21, bounded & described as follows; Beg in the center of W. Beloit Rd. where it crosses the W/1 of the premises conveyed to Christian Sauer under deed 115-384; th N 53 3/4° E in the center of W. Beloit Rd. 18 links; th S 36 1/4° E 158 links; th S 53 3/4° W 158 links; th N 36 1/4° W 158 links to center of W. Beloit Rd; th N 53 3/4° E 139 1/2 links to the place of beg, cont .25 acres more or less.

NOTE: Deed 116-20 reads as follows; Com at the NE cor of Sec 17-6-21E, th run W 9 chains and 96 links, th S to intersection with the E & W 1/4 Sec line of sd Sec 17; th E 10 chains & 3 links to the 1/4 Sec post on East side of sd Sec; th N on Sec line to place of beg cont 40 acres according to Government Survey.
Deed 115-384 reads as follows; The E 26 acres of the E 39 acres of the E 1/2 of the NE 1/4 of Sec 17-6-21, Town of Greenfield.

That part of the E 1/2 of the NE 1/4 of Sec 17-6-21, bounded & described as follows; Com at a pt on the N/1 426.97' W of the NE cor of the NE 1/4 of sd Sec 17 aforesaid; th S on a line 230.81' E of & par with the W/1 of the E 1/2 of the E 1/2 of sd 1/4 Sec 936.85' to c/1 of Beloit Rd; th S 53° 7' W alg c/1 of Beloit Rd. 80' to a pt; th N 2° 58' W on a line 983.22' to N/1 of sd 1/4 Sec; th E alg the N/1 of sd 1/4 Sec 116.28' to the pt of comm, cont 2 acres of land, exc that part conveyed to Milwaukee County for highway purposes.

" Lots 1, 2, 3, 4, 5, 13, 14, 15, 16 & 17 in Blk 1 of Beloit Heights, being a subd formerly in the Town of Greenfield and which is a part of the NE 1/4 of Sec 17-6-21E, according to the plat thereof recorded in Vol 50 of plats at page 25, records of sd Milwaukee County.

Also that part of Lot 6 in Blk of sd Beloit Heights, bounded & described as follows, viz; Beg at the NW cor of sd Lot 6 & run th N 88° 27' E alg the N/1 thereof, 31.95'; th S 120.04' to the S/1 of sd Lot; th S 88° 27' W alg sd S/1 28.71' to the SW cor of sd lot; th N 1° 33' W alg the W/1 of sd Lot 120' to the pt of beg.

Also Lots 1, 2, 3, 4, 12, 13, 14, 15, 16, 17 & 18 in Blk 2 of sd Beloit Heights.

4 cont.

Also that part of Lots 9, 10 & 11 in Blk 2 of sd Beloit Heights, bounded & described as follows; Beg at the SW'ly cor of sd Lot 11 & run th N 53° 7' E alg the SE'ly line of sd Lot 11, 24.95'; th N 15° 03' to the most N'ly cor of sd Lot 9; th S 53° 7' W alg the NW'ly lines of sd Lots 9, 10 & 11, 115' to the most W'ly cor of sd Lot 11; th S 36° 53' E alg the SW'ly li of sd Lot 11, 120' to the pt of beg.

Also together with all the right, title and interest of sd Mtgors in & to the foll desc parcels in sd Beloit Heights, which have been or may hereafter be vacated to wit; (a) All that portion of the E & W alley, as formally platted in Blk 1, lying W of the E/1 of sd Lot 13 in sd Blk 1 extended & Lots 13 to 17 both inclusive in sd Blk 1 (b) All that portion of W. Euclid Ave. as formerly platted located between sd Blks 1 & 2, lying W of the E/1 of sd Lot 13, in Blk 1 extd & the E/1 of sd Lot 4 in Blk 2 extd. (c) All that portion of the alley as formerly platted, located between Lots 16, 17, 18 & Lots 9 to 15 both inclusive as above desc in sd Blk 2, lying W of the E/1 of sd Lot 4 in Blk 2 extd S'ly (d) All that portion of S. 93rd St. as formerly platted located between W. Beloit Rd & W. Euclid Ave.

Also that part of the NE 1/4 of sd Sec 17, bounded & described as follows; Beg at a pt on the N/1 of sd Sec 426.97' W of the NE cor of sd NE 1/4 of sd Sec 17 & run th S on a line 230.81' E of & par with the W/1 of the E 1/2 of the E 1/2 of sd NE 1/4, 936.85' to the middle of W. Beloit Rd; th S 53° 7' W alg the middle line of sd W. Beloit Rd 309.34'; th N 6° 40' W 1102.20' to the N/1 of sd NE 1/4 of Sec 17; th E alg sd N/1 373.37' to the pt of beg.

Also that part of the NE 1/4 of sd Sec 17, bounded & described as follows, to wit; Beg at a pt 793' S of the N/1 & 957.84' W of the E/1 of sd NE 1/4 & run th S 160' to a pt 958.29' W of the E/1 of sd NE 1/4; th E par to the N/1 of sd NE 1/4 264.62'; th N 6° 23' W 160.60'; th W par to the N/1 of sd NE 1/4 246.27' to the pt of beg.

There is excepted from all of the above described premises various parts thereof conveyed for public highways and all of the premises are subject to highways.

%% The S 35.25' of that part of the NE 1/4 of Sec 17-6-21 as follows; Com at a pt on the N/1 & 543.25' W of the NE cor of sd 1/4 Sec; run th W on sd N/1 257.09' to the NE cor of lands conveyed by deed rec in Vol 1199 Page 439; th S 6° 23' E on the E/1 of sd lands 60.21' to a pt; th E & par to the N/1 of sd 1/4 Sec 250.20' to a pt in the W/1 of lands conveyed by deed rec in Vol 1038 Page 14th N'ly alg the W/1 of sd Lands 60' to the pt of beg. The S/1 of the above described parcel of land being 60' N of & par to the N/1 of sd 1/4 Sec;

FOR the uses and purposes of a public highway and of widening the present highway upon which sd real estate abuts, k/a Oklahoma Ave., within the limits of the Town of Greenfield.

Key No. 525-9999-100

§ over, across, within and beneath certain easement areas described as follows: its premises in the NE 1/4 of Sec. 17-6-21E, City of Milwaukee, Milwaukee County, Wisconsin; as shown on the print annexed hereto, marked Exhibit "A" and made a part hereof.

Note: Sd Exhibit "A" shows easmt comg approx 560' E of S 95th St. & 208' N of Beloit Rd. run'g th SWly 78' to equipment enclosure.

∅ A parcel of land in the NE 1/4 of Sec 17-6-21E, in the City of Milwaukee, bounded & described as follows, to wit; Com at a pt 953' S of the N/1 & 958.29' W of the E/1 of sd 1/4 Sec; run th S 120' to a pt 958.62' W of the E/1 of sd 1/4 Sec; run th S 120' to a pt 958.62' W of the E/1 of sd 1/4 Sec; th E par to the N/1 of sd 1/4 Sec 83.30' to a pt; th N 120' to a pt; th W par to the N/1 of sd 1/4 Sec 83.30' to the place of beg, exc the W 30' thereof.

Also, a parcel of land situated in the NE 1/4 of Sec 17-6-21E, in the City of Milwaukee, bounded & described as follows; Com at a pt 1073' S of the N/1 & 958.62' W of the E/1 of sd 1/4 Sec; run th S 247.49' to a pt in the center of Beloit Rd, sd pt being 959.31' W of the E/1 of sd 1/4 Sec; th N 51° 07' E alg the c/1 of W. Beloit Rd, 104.30' to a pt; th N 187' to a pt; th W par to the N/1 of sd 1/4 Sec 83.30' to the place of beg, exc the W 30' thereof & further exc therefrom that part lying SE'ly of the N'ly line of W. Beloit Rd as established by the Milwaukee County Highway Commission in 1952, which N'ly line is described as follows. Com at a pt on the W/1 of the NE 1/4 of Sec 17-6-21, 84.07' N'ly of the SW cor of sd 1/4 Sec; th NE'ly to a pt in the E/1 of the NE 1/4 of Sec 17-6-21E, sd pt being 541.29' S'ly of the NE cor of sd 1/4 Sec.

- © That part of the NE 1/4 of Sec 17-6-21E, in the City of Milwaukee, bounded & described as foll: Com at a pt 733' S of the N/L & 957.655' W of the E/1 of sd 1/4 Sec; -th S 60' to a pt 957.84' W of the E/1 of sd 1/4 Sec; th E & par to the N/1 of sd 1/4 Sec 246.27'; -th N 60° 23' W 60.225'; -th W & par to the N/1 of sd 1/4 Sec 239.375' to the pt of comm.

WAUKESHA WATER UTILITY PROJECT 263349.0002.0013

TRC ENVIRONMENTAL, INC.

ST. MATTHIAS CEMETERY

9306 W. BELLOT ROAD, MILWAUKEE, WI

DRAWN BY: STEVEN SARCH

DATE: 5/31/18

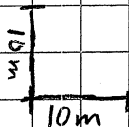
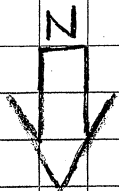
- SAINT MATTHIAS
CEMETERY -

LEGEND

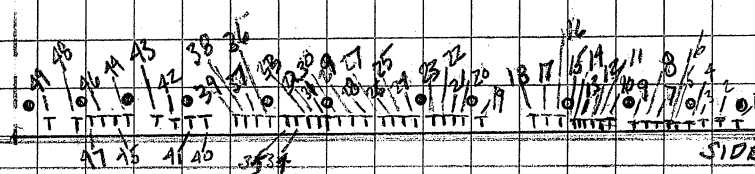
- - - CEMETERY BOUNDARY

T GRAVE STONE

== ROAD



SIDEWALK



CEMENT
BARRIER

SIDEWALK

W. OKLAHOMA AVENUE

WWU MKE Route 1 Phase I Archaeological Survey				
St. Matthias Cemetery Survey Grave Marker Information				
Burial Site #: BMI-0038	County: Milwaukee	Legal Description: T6N, R21E, Sec. 17, NE, NE, NE		
Headstone No.	Name	Birth	Death	Information
1	Unmarked	None	None	Broken base
2	Michael Banerian	None	Sept. 1960	
3	Theresa O'Connor	None	1963	"Our Baby"
4	Jean Baker	None	Aug. 29, 1963	"Baby"
5	Paul John Coert	None	Jan. 7, 1964	Son
	Susan Mary Coert	Dec. 15, 1964	Aug. 17, 1991	Daughter; "Loved...Loving"
6	Jodi Lotz	None	1965	"Beloved Daughter"
7	Linda L. Lange	May 27, 1965	July 3, 1965	"Our Angel"; "In God's Care"
8	Brian Hohl	Sept. 16, 1966	Oct. 11, 1966	
9	Julia Y. Willard	None	Unknown	
10	James P. Sokol	None	1926	
	Corrine A. Sokol	None	1928	
	Michael Sokol	None	1968	Son
11	Kirk Huber	None	Mar. 23, 1969	
12	Geralyn Jankowski	Feb. 1, 1965	Feb. 11, 1965	"OUR BABY"
13	Gregory Dries	April 21, 1971	June 27, 1971	
14	Victoria Alicia Jewell	Aug. 28, 1971	July 20, 1972	"OUR BABY"
15	Debra Ann Cook	None	Sept. 15, 1972	"OUR BABY"
16	Edwards S. Koszuth	Nov. 3, 1927	May 23, 1998	
	Diane L. Koszuth		Feb. 8, 1947	
17	Gilbert L. Blinkewitz	Aug. 1, 1924	Nov. 21, 1984	"SGT U.S. Army"; "World War II"
18	Delores G. Blinkewitz	Dec. 10, 1926	July 4, 2009	"Wife and Mother"
19	Unknown	Unknown	Unknown	"Es Ruht Sanft Max Mil Bauer Frieden Seiner Asche"
20	? Wilhelm Kurt	?, 1866	Unknown	Eroded
21	Unknown	Unknown	Unknown	Eroded
22	Unknown	Unknown	Unknown	Stone missing
23	? Mal Bane?	?, 1797	?, 1867	
24	Angela Zingsheim	1859	1863	
25	?na G. Sa?	? 22, ?	Unknown	
26	John Adams	July 16, 1833	May 5, 1861	
27	Unknown	Unknown	Unknown	Stone missing
28	Unknown	Unknown	Unknown	Stone missing
29	Dona K. Shirek	1942	1998	"Loving wife, mother, sister and friend"
30	Regina Garvey	1906	1994	
	Raymond Garvey	1903	1977	
31	Alice Garvey	1936	1940	Daughter
32	Peter J. Ney	Aug. 13, 1870	March 19, 1952	"PRT 2 Wis Infantry"
33	Mary A. Ney	1872	1947	Mother
34	Gertrude Piasecki	1916	1941	Daughter
35	Bertha Kafer	1915	1941	Sister
36	Robert Bronk	1926	1942	Son
37	Norbert Piasecki	1910	1944	Father
38	Angeline Wasick	1893	1946	Mother
39	George G. Dunn	1898	1946	Father
40	Lorenz Hart	1884	1947	
41	Fred Hacket	1865	1949	
42	Matthias Heinz	1879	1950	
43	George F. Ross	1880	1960	
	Mary Eva Ross	1881	1975	
44	Andrew Weitzer	Oct. 27, 1876	Nov. 27, 1876	
45	Richard P. Ganser	1902	1950	"Rest in Peace"
46	Ida G. Moore	1872	1951	
47	Mary Koller	1905	1952	
	John Koller	1902	1955	
48	Leona L. Conaty	1917	1952	Mother
49	John A. Helinski	1892	1967	
	Estelle Helinski	1895	1953	

ATLAS P. 525

525-06

JUN 22 1967

AVE

N 1/4 SEC LINE

426.97

N

V

•

2

M/12w County Treas.
46
6-12-67

3114

57.

3122

3/30

*** 3/34**

*3140

3146

3150

x
3/56

3160

x 3166

3172

x
3178

3200

x
3210

LANDS

565

673's

953's

11
(587.49)

367-49

30

W. BELOIT

ROAD

BELOIT HEIGHTS ADJ. P. 525-01

LANDS

D. V. 2010 D. II DI 505 D. II 10 - 020

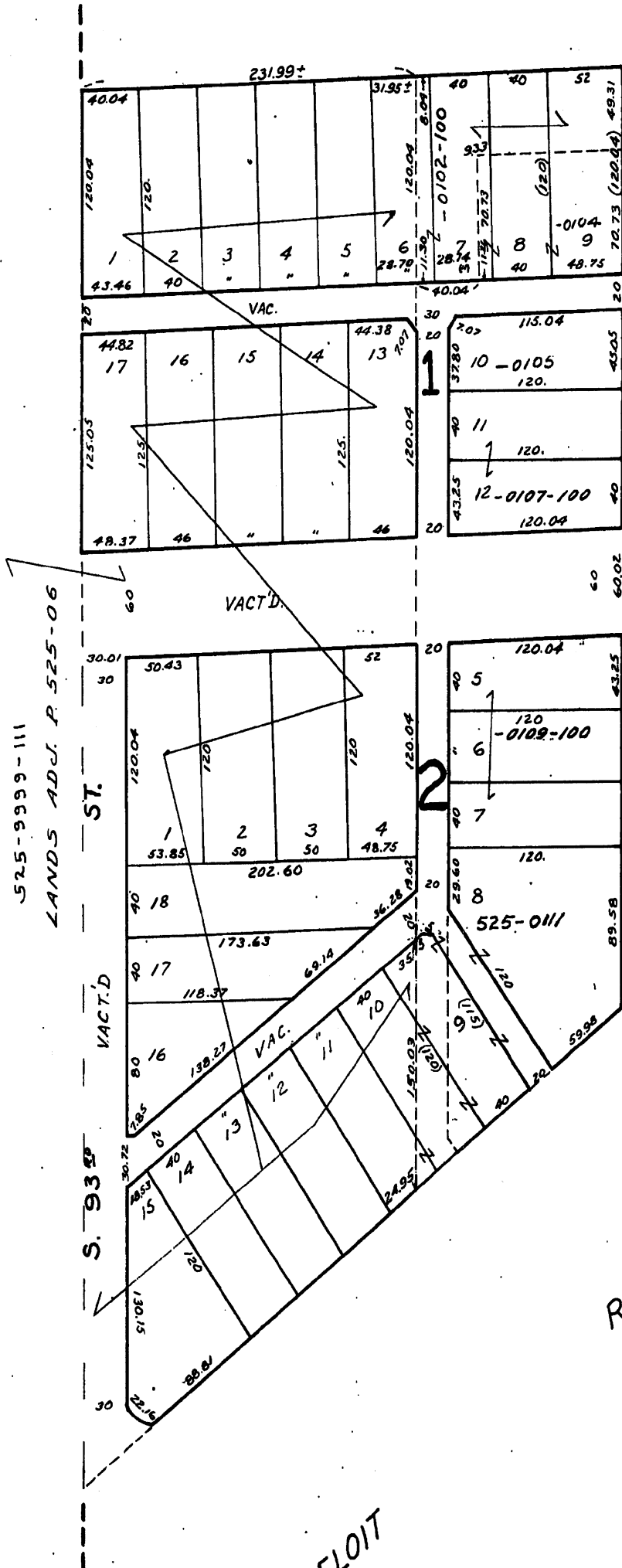
MAP OF BELOIT HEIGHTS

W. OKLAHOMA

AVE.

JUN 8 1978

9215



*3105

*3115

*3127

3129

3151

S. 92nd

S. 92nd

S. 92nd

S. 92nd

S. 92nd

S. 92nd

S. 92nd

S. 92nd

S. 92nd

525-9999-111

525-06

9304-06 W BELOIT RD
~~9306 W BELOIT RD~~

70688

LANDS IN NE 1/4 SEC 17-6-21

COM N LI & 426.97' W OF NE COR OF SD 1/4 SEC-TH S 936.85'-TH
SWLY ALG CL W BELOIT RD 663.64'-TH N ALG CL OF S 95TH ST
587.49'-TH E 239.38'-TH NWLY 735.73' TO N LI SD 1/4 SEC-TH E
373.37' TO BEG EXC STS & ALSO PART BLKS 1 & 2 IN MAP OF
BELOIT HEIGHTS ADJ LYING W OF W LINES OF N & S ALLEYS &
THEIR EXTENSION N & S IN SD BLKS 1 & 2 & ALL VAC ALLEYS &
STS ADJ

2



Request to Disturb a Human Burial Site

Name of Owner/Agent/Company Requesting to Disturb _____

Contact Address _____

Contact E-Mail _____ Contact Phone Number _____

Landowner Name (if different) _____

Describe your project, including reason for and nature of ground disturbance:

Utility installation ☐ Private home construction ☐ WDNR Permit Review ☐ Other project ☐

Complete description/additional details: _____

County _____ Civil Town/Municipality _____

Town _____ Range _____ ☒ E ☐ W (circle one) Section _____ Quarter Sections _____

Address of property (if applicable) _____

State Site Number _____ Burial Site Number _____ WHS Case # _____

Cataloging Status (if known)

☐ Proposed disturbance is to an **uncatalogued** human burial site or to the uncatalogued portion of a human burial site that contains catalogued human burials.

☐ Proposed disturbance is to a **catalogued** human burial site.

Attachments (REQUIRED)

☐ Scaled and dated project plans and maps showing the relationship of the proposed ground disturbance to the human burial site. Include labeled boundaries of uncatalogued and catalogued burial areas.

☐ Photographs and/or aerial photos (as available) of the project area.

Signed _____ Date _____

Print Name _____

Landowner Signature (if different) _____ Date _____

Return completed form
via postal service to:

Cpftgy 'Ugtp
Wisconsin Historical Society
816 State Street
Madison, Wisconsin 53706

Telephone: (608) 263-4679
Fax: (608) 264-6504

For more information, please visit wihist.org/Request-to-Disturb



October 30, 2017

Mr. Allen Van Dyke
TRC Environmental
150 N Patrick Blvd
Brookfield, WI 53045

WHS # 17-1438 WK

RE: Request for Limited Subsurface Testing within Boundaries of an Uncatalogued Burial Site: WK-0075 /
BWK-0271, Schaefer Burials, Waukesha County

Dear Mr. Van Dyke:

We have received your request to disturb the above burial site to assist the Waukesha Water Utility with their plans to install a water pipeline along Durham Road in Muskego. Pursuant to Wis. Stats. § 157.70 and Wis. Admin. Code § HS 2.04, you are hereby authorized to conduct "limited appropriate subsurface exploration," in the manner outlined in your proposal, within the footprint of the construction area. Please inform your client, however, that Phase I archaeological methods are not adequate to find burials and does not necessarily obviate the need for archaeological monitoring during construction. If, after the fieldwork, you wish to make a recommendation against monitoring, please provide clear and ample evidence supporting your recommendation and SHPO will take it under consideration during the review.

This Authorization is valid for a period of one year from the date of this letter and applies to the burial law only. A "qualified archeologist", as specified under Wis. Stats. § 157.70 (1) (i) and Wis. Admin. Code § HS 2.04 (6), shall conduct all "subsurface exploration" [per Wis. Admin. Code § HS 2.04 (2)] within the boundaries of this burial site.

Please forward two full-color copies of the archeological report of investigations to our office for review prior to receiving the required authorization to construct within the boundary of the Schaefer Burials. If human bone is discovered during your subsurface investigations, you must cease work immediately and contact the Burial Sites Preservation Office at 1-800-342-7834 for compliance with Wis. Stat. §157.70, which provides for the protection of human burial sites.

Please contact me if you have any questions or concerns. You can reach me by phone at (608) 264-6493 or via email at kimberly.cook@wisconsinhistory.org.

Sincerely,

Kimberly Cook
Wisconsin Historical Society
State Historic Preservation Office

Collecting, Preserving and Sharing Stories Since 1846

816 State Street Madison, Wisconsin 53706

wisconsinhistory.org



GREELEY AND HANSEN

741 N. Grand Avenue, Suite 308
Waukesha, WI 53186



GREELEY AND HANSEN

741 N. Grand Avenue, Suite 308
Waukesha, WI 53186